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Preface

The *Petroleum Marketing Monthly* (PMM) provides information and statistical data on a variety of crude oils and refined petroleum products. The publication presents statistics on crude oil costs and refined petroleum products sales for use by industry, government, private sector analysts, educational institutions, and consumers. Data on crude oil include the domestic first purchase price, the *free on board* cost (FOB) and *landed* cost of imported crude oil, and the refiners' acquisition cost of crude oil. Refined petroleum product sales data include motor gasoline, distillates, residuals, aviation fuels, kerosene, and propane. The Office of Petroleum and Biofuels Statistics at the, U.S. Energy Information Administration (EIA) ensures the accuracy, quality, and confidentiality of the published data in the *Petroleum Marketing Monthly*.

Scope of data

The data within the *Petroleum Marketing Monthly* are compiled from five EIA survey forms. The crude oil statistics are calculated from data collected on the following three survey forms: Form EIA-182, Domestic Crude Oil First Purchase Report; Form EIA-856, Monthly Foreign Crude Oil Acquisition Report; and Form EIA-14, Refiners' Monthly Cost Report.

The statistics on petroleum product sales prices and volumes are derived from Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

The data presented in Tables 45 to 47 are derived from aggregations of data from Form EIA-782C, Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption.

Sections

Monthly statistics on purchases of crude oil and sales of petroleum products are presented in the *Petroleum Marketing Monthly* in six sections:

- Highlights
- Summary statistics
- Crude oil prices
- Prices of petroleum products
- Volumes of petroleum products
- Prime supplier sales volumes of petroleum products for local consumption

The publication highlights salient statistics for the United States in the Summary Statistics section. More detailed geographic coverage occurs in the other four sections. Geographic coverage for crude oil includes country of origin for foreign crude and Petroleum Administration for Defense (PAD) Districts and individual states for domestic crude oil. Geographic coverage of the petroleum products includes PAD Districts and individual states.

Detailed statistics for crude oil, including the price of imported crude oil by country of origin, by gravity, and by crude stream, can be found in the Crude Oil Prices section.

PAD District and/or state-level statistics for petroleum products are presented in the Prices, Volumes, and Prime Supplier Sales of Petroleum Products sections. To aid the reader in determining the market changes, the majority of the tables show data for the report month and previous month for the current year, as well as the report month for the previous year.

Notes on the tables

- For the crude oil statistics referencing Form EIA-182, *United States* includes the 50 States, the outer continental shelf, and the District of Columbia. For crude oil statistics referencing either Form EIA-14 or Form EIA-856, *United States* includes the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, and all American territories and possessions. For the petroleum products data, United States includes the 50 States and the District of Columbia.
- Prices exclude taxes. Refer to the Explanatory Notes for a tax table on motor fuels.
- Some of the tables use state abbreviations. Refer to the Explanatory Notes for a table of U.S. Postal State abbreviations.
- Sales of leaded gasoline are a component of averages and totals before October 1993.
- References to *Refiners* include gas plant operators (see the Glossary for definition of *Gas plant operators*).
- *Prime supplier* refers to a firm that produces, imports, or transports any of the selected petroleum products across state boundaries and local marketing areas and sells the product to local distributors, local retailers, or end users.
- The category *retail outlet* refers to any company-operated outlet selling gasoline, on-highway diesel fuel, or propane for on-highway vehicle use (see Glossary).
- No. 2 distillate volumes and prices are classified in accordance with what the product was sold as, regardless of the actual specifications of that product (see definitions of No. 2 distillate in the Glossary).
- Beginning with the February 2007 data release, EIA revised the table formats and content for the *Petroleum Marketing Monthly* (PMM) to eliminate oxygenated gasoline as a separate category and to revise the categories of diesel fuel (i.e., ultra-low sulfur, low sulfur, and high sulfur). In conjunction with these changes, the *total* columns in certain PMM tables have been eliminated to help ensure that sensitive data reported to EIA by individual survey respondents may not be closely estimated using the aggregates published by EIA. Refer to the Product Guide for new table numbers.
- As of January 2012, EIA changed the methodology used to calculate the initial price estimates for refiner acquisition costs of crude oil. The price estimate for domestic crude oil comes from a regression model based on West Texas Intermediate (WTI) crude oil spot market prices. The price estimate for imported crude oil comes from a regression model that uses a basket of world crude oil prices. The composite price estimate is a weighted average of the domestic and imported prices based on refinery receipts data found in the *Petroleum Supply Annual*.
- Final revisions to 2010 and 2011 monthly and annual values in Tables 1, 1A, and 18–27 were added to the *Petroleum Marketing Monthly* in the March 2013 issue.
- As of the March 2016 data release, January and February 2016 OPEC and non-OPEC crude oil prices in Tables 21 and 22 were revised to include Indonesia in OPEC and exclude it from non-OPEC.
- Beginning with the November 2017 data release, EIA responded to the increase of crude oil activity in the North Dakota region. EIA replaced the North Dakota Sweet Crude Stream on the EIA-182, Domestic Crude Oil First Purchase Report with the predominant North Dakota Bakken Crude Stream to provide an accurate price estimate for an important high volume crude stream regularly traded in domestic crude oil markets.

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Highlights

Crude oil

- Underpinned by supply concerns, monthly average crude oil prices reached the highest levels seen in seven years during October. The average domestic crude oil first purchase price climbed \$9.43 (13.7%) to \$78.51 per barrel.
- The average free-on-board (f.o.b.) cost of imported crude oil rose \$7.29 (11.0%) to \$73.55 per barrel. The average landed cost of foreign crude oil increased \$7.19 (10.5%) to \$75.44 per barrel.
- The average refiner acquisition cost for domestic crude oil climbed \$8.44 (11.7%) to \$80.82 per barrel. The average cost of imported crude oil increased \$6.82 (9.8%) to \$76.08 per barrel. The composite refiner acquisition cost for crude oil rose \$7.79 (11.0%) to \$78.88 per barrel.

Petroleum products

Motor gasoline

- The monthly average wholesale price for refiner sales of motor gasoline increased 18.5 cents to \$2.495 per gallon in October, the highest price since September 2014.
- Refiner sales of finished motor gasoline fell during October. Total refiner motor gasoline sales decreased 7.6 million gallons per day (2.5%) to an average of 301.1 million gallons per day. DTW sales accounted for 6.9% of wholesales, while rack and bulk sales explained 90.4% and 2.7%, respectively.

No. 2 distillate

- Monthly average prices for refiner sales of No. 2 distillates rose firmly in October. The retail sales price for No. 2 diesel fuel rose 23.7 cents to \$2.560 per gallon, while the average wholesale price climbed 26.2 cents to \$2.502 per gallon. The average retail price for sales of No. 2 fuel oil increased 29.1 cents to \$2.678, while the average wholesale price rose 30.6 cents to \$2.347 per gallon.
- Refiner sales of No. 2 ultra-low sulfur diesel fuel at the wholesale level saw only modest change in October, decreasing 200,000 gallons per day (0.1%) to 153.4 million gallons per day.

Residual fuel oil

- Reflecting the general upward trend in the market, refiner prices for residual fuel oil moved higher in October. The average retail price for residual fuel oil increased 14.3 cents to \$2.093 per gallon, while the average wholesale price rose 20.5 cents to \$2.050 per gallon.
- Refiner residual fuel oil sales increased 1.0 million gallons per day (14.9%) to 7.7 million gallons per day in October. Retail sales rose 200,000 gallons per day (11.1%), while wholesale sales increased 800,000 gallons per (16.3%).

Other products

- Refiner prices for sales of propane, kerosene-type jet fuel, kerosene, and No. 1 distillate increased at both the retail and wholesale levels in October. The wholesale price for aviation gasoline also registered an increase in October.
- Refiner sales of the remaining surveyed products varied in October. Sales of propane fell at retail, but increased at wholesale. Kerosene-type jet fuel sales decreased in both sales categories, while sales of kerosene and No. 1 distillate sales show the opposite trend. Wholesale sales of aviation gasoline registered another decrease in October.

Table HL1. U.S. refiner prices and volumes of petroleum products

prices: dollars per gallon excluding taxes, volumes: million gallons per day

Products	Sales to end users						Sales for resale					
	October 2021		September 2021		October 2020		October 2021		September 2021		October 2020	
	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume
Motor gasoline	3.201	4.6	3.143	4.7	1.773	20.7	2.495	296.5	2.310	304.0	1.312	272.1
Conventional	2.887	W	2.859	W	1.602	13.0	2.421	203.5	2.251	209.3	1.259	188.0
Regular	2.811	W	2.775	W	1.539	11.4	2.384	180.8	2.210	185.1	1.221	165.6
Midgrade	3.153	W	3.128	W	1.854	0.7	2.596	0.9	2.469	1.1	1.419	1.0
Premium	W	W	W	W	2.156	1.0	2.721	21.7	2.570	23.2	1.542	21.3
Reformulated	W	W	W	W	2.064	7.7	2.655	93.0	2.441	94.7	1.430	84.1
Regular	W	W	W	W	1.931	5.5	2.590	76.3	2.376	77.7	1.374	67.8
Midgrade	W	W	W	W	2.284	0.8	2.821	0.4	2.589	0.4	1.584	0.4
Premium	W	W	W	W	2.459	1.4	2.953	16.3	2.743	16.7	1.667	16.0
Aviation gasoline	3.783	0.0	W	W	2.495	0.0	3.365	0.4	3.248	0.5	2.217	0.4
Kerosene-type jet fuel	2.300	28.9	2.032	30.8	1.134	20.5	2.279	28.5	2.008	28.8	1.107	18.1
Propane (consumer grade)	1.459	4.4	1.296	5.2	0.548	3.0	1.460	25.5	1.280	23.5	0.597	24.3
Kerosene	3.425	0.0	2.817	0.0	W	W	2.434	1.4	2.109	0.9	1.293	0.7
No. 1 distillate	2.864	0.1	2.614	0.1	1.878	0.1	2.789	1.0	2.475	0.5	1.499	1.3
No. 2 distillate	2.561	8.0	2.324	8.3	1.400	9.9	2.497	160.0	2.235	158.7	1.210	157.4
No. 2 fuel oil	2.678	0.1	2.387	0.1	1.360	0.1	2.347	5.7	2.041	4.1	1.089	6.6
No. 2 diesel fuel	2.560	7.9	2.323	8.2	1.400	9.7	2.502	154.3	2.240	154.6	1.215	150.7
Ultra low sulfur	W	W	W	W	1.397	9.2	2.502	153.4	2.240	153.6	1.216	149.6
Low sulfur	-	-	-	-	W	W	-	-	-	-	-	-
High sulfur	W	W	W	W	W	W	2.510	0.9	2.186	1.1	1.130	1.1
No. 4 fuel[a]	-	-	-	-	-	-	W	W	W	W	W	W
Residential fuel oil	2.093	2.0	1.950	1.8	1.151	2.9	2.050	5.7	1.845	4.9	1.041	5.8
Sulfur content not > 1%	W	W	W	W	W	W	2.101	3.6	1.913	2.6	1.078	3.1
Sulfur content > 1%	1.877	W	1.748	W	1.071	W	1.963	2.1	1.768	2.3	0.996	2.7

NA = Not available.

- = No data reported.

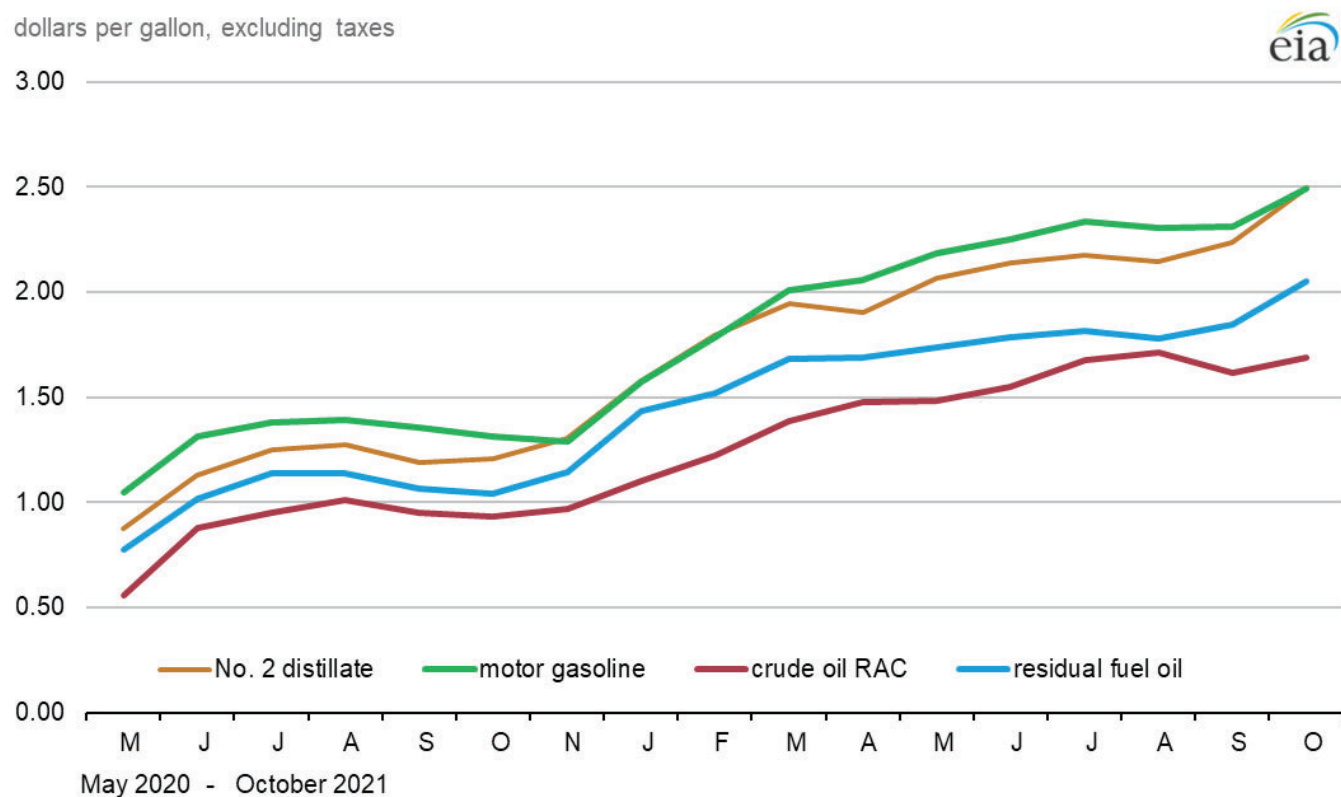
W = Withheld to avoid disclosure of individual company data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - In January 2007, ultra low-sulfur diesel fuel was added. - All on-highway diesel must be ultra low-sulfur as of December 1, 2010 - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2019 are final. Total volumes may not equal the sum of the components because of rounding.

Source: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure HL1. Crude oil and petroleum product wholesale prices



Summary Statistics

Table 1. Crude oil prices

dollars per barrel

Year month	Domestic first purchase prices	Average F.O.B.[a] cost of crude oil imports[b]	Average landed cost of crude oil imports[b]	Refiner acquisition cost of crude oil		
				Domestic	Imported	Composite
1997 average	17.23	16.94	18.11	19.61	18.53	19.04
1998 average	10.87	10.76	11.84	13.18	12.04	12.52
1999 average	15.56	16.47	17.23	17.90	17.26	17.51
2000 average	26.72	26.27	27.53	29.11	27.70	28.26
2001 average	21.84	20.46	21.82	24.33	22.00	22.95
2002 average	22.51	22.63	23.91	24.65	23.71	24.10
2003 average	27.56	25.86	27.69	29.82	27.71	28.53
2004 average	36.77	33.75	36.07	38.97	35.90	36.98
2005 average	50.28	47.60	49.29	52.94	48.86	50.24
2006 average	59.69	57.03	59.11	62.62	59.02	60.24
2007 average	66.52	66.36	67.97	69.65	67.04	67.94
2008 average	94.04	90.32	93.33	98.47	92.77	94.74
2009 average	56.35	57.78	60.23	59.49	59.17	59.29
2010 average	74.71	74.19	76.50	78.01	75.86	76.69
2011 average	95.73	101.66	102.92	100.71	102.63	101.87
2012 average	94.52	99.78	101.00	100.72	101.09	100.93
2013 average	95.99	96.56	96.99	102.91	98.11	100.49
2014 average	87.39	85.65	88.16	94.05	89.56	92.02
2015 average	44.39	41.91	45.38	49.94	46.38	48.39
2016 average	38.29	36.37	38.56	42.41	38.75	40.66
2017 average	48.05	45.58	48.50	52.05	49.12	50.68
2018 average	61.40	56.31	58.89	67.05	60.95	64.38
2019 average	55.59	54.27	56.60	60.31	57.94	59.38
2020						
January	56.55	46.98	51.20	60.39	53.87	57.92
February	49.66	42.13	44.69	54.01	47.39	51.37
March	31.01	24.16	27.14	35.00	28.50	32.55
April	15.18	14.22	17.50	21.07	16.74	19.32
May	18.02	19.28	22.73	24.43	22.56	23.55
June	33.81	33.74	36.17	37.25	36.14	36.80
July	37.44	36.73	38.97	40.56	39.33	40.08
August	39.37	37.39	40.15	42.83	41.72	42.42
September	36.82	36.06	38.19	40.41	38.73	39.81
October	36.39	34.35	37.11	40.06	37.81	39.21
November	38.25	36.44	39.28	41.56	39.15	40.68
December	43.92	41.86	44.78	46.69	45.34	46.20
2020 average	36.86	33.66	36.42	41.23	37.41	39.75
2021						
January	49.73	46.77	49.38	52.45	49.52	51.36
February	56.72	53.08	55.50	60.14	55.67	58.39
March	60.67	57.48	59.12	63.24	59.78	61.96
April	59.87	57.83	60.75	63.25	60.86	62.39
May	62.80	61.76	63.92	65.94	63.81	65.15
June	68.57	64.97	67.50	71.60	68.85	70.54
July	70.12	65.73	68.11	73.28	69.88	71.97
August	65.67	R63.00	R65.82	69.27	65.66	67.87
September	69.08	R66.26	R68.25	R72.38	R69.26	R71.09
October	78.51	73.55	75.44	R80.82	R76.08	R78.88
November[c]	NA	NA	NA	E81.46	E72.47	E78.01

NA = Not available.

E = Estimated data.

R = Revised data.

[a] Free on Board. See Glossary.

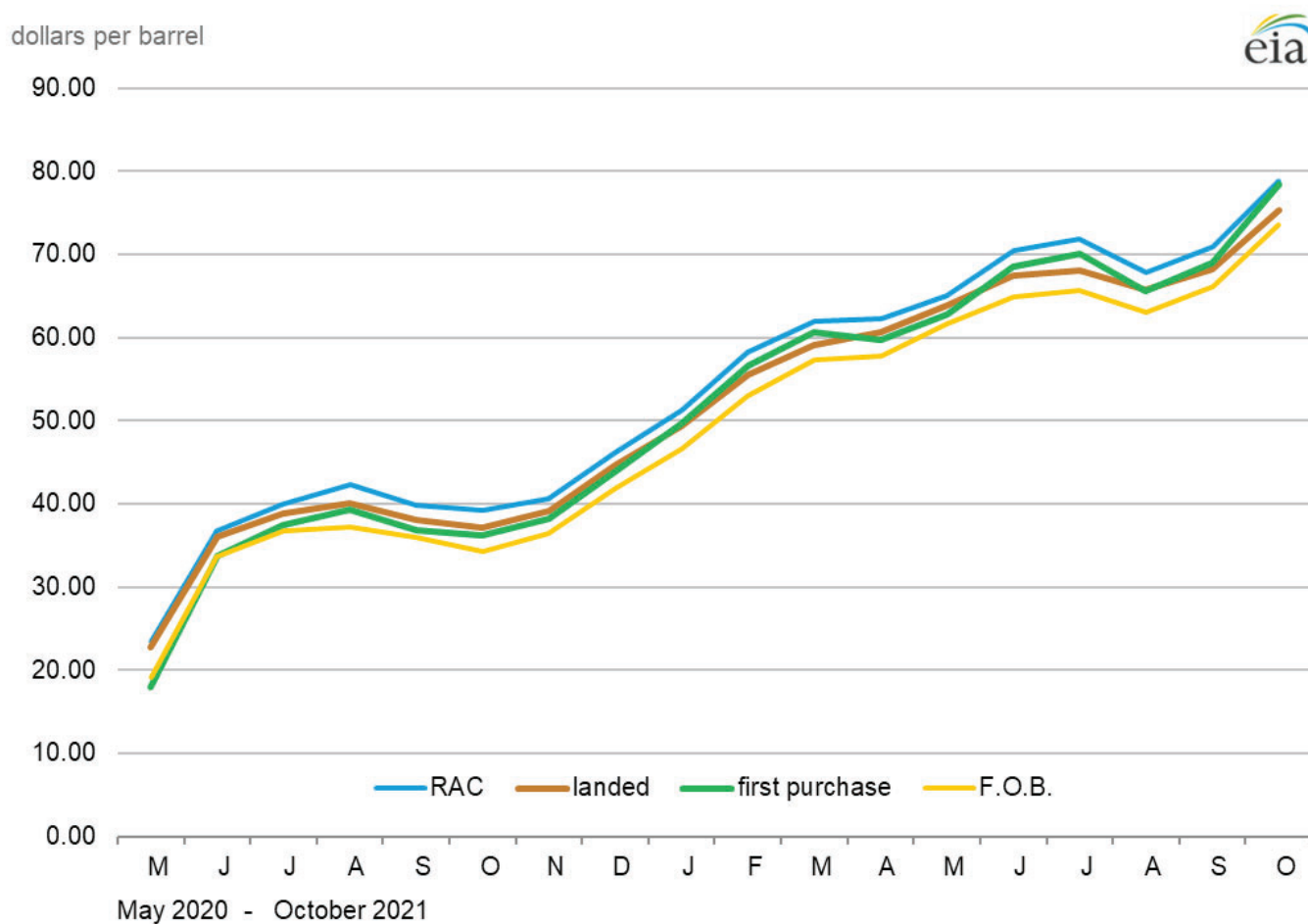
[b] Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section.

[c] Data are initial estimates calculated using regression models based on past and present values, spot prices, and other internally computed data. For an explanation of estimation methodology, see the Preface.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values for Domestic First Purchase Price and Refiner Acquisition Cost for the current two months, and for average F.O.B. and average landed costs, for the current three months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: Domestic first purchase prices -- See source from Table 18. Crude oil imports costs -- See Sources from Table 21. Refiner acquisition costs -- U.S. Energy Information Administration, Form EIA-14, Refiners' Monthly Cost Report.

Figure 1. Crude oil prices



Sources: U.S. Energy Information Administration, Form EIA-182, *Domestic Crude Oil First Purchase Report*; Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*; and Form EIA-14, *Refiners' Monthly Cost Report*.
 Note: RAC stands for refiner acquisition cost.

Table 1A. Refiner acquisition cost of crude oil by PAD Districts

dollars per barrel

Year month	United States			PAD District 1			PAD District 2		
	Domestic	Imported	Composite	Domestic	Imported	Composite	Domestic	Imported	Composite
2004	38.97	35.90	36.98	40.75	38.29	38.34	40.80	35.63	38.38
2005	52.94	48.86	50.24	56.89	53.29	53.35	54.57	46.11	50.75
2006	62.62	59.02	60.24	66.92	63.53	63.60	63.66	55.19	59.70
2007	69.65	67.04	67.94	70.62	72.48	72.44	71.10	62.17	66.90
2008	98.47	92.77	94.74	100.30	96.90	96.97	100.98	88.45	94.93
2009	59.49	59.17	59.29	59.64	61.68	61.63	60.00	57.00	58.64
2010	78.01	75.86	76.69	75.90	80.03	79.91	78.85	72.24	75.92
2011	100.71	102.63	101.87	98.88	111.53	111.01	96.81	89.15	93.18
2012	100.72	101.09	100.93	104.45	112.27	111.50	95.04	83.90	89.44
2013	102.91	98.11	100.49	106.98	106.74	106.80	100.63	85.43	93.26
2014	94.05	89.56	92.02	96.95	96.51	96.70	93.08	81.66	87.51
2015	49.94	46.38	48.39	52.60	50.40	51.37	49.33	42.70	46.13
2016	42.41	38.75	40.66	44.58	42.54	43.00	43.76	36.19	39.95
2017	52.05	49.12	50.68	56.98	53.46	53.87	52.03	45.21	48.63
2018	67.05	60.95	64.38	69.71	69.63	69.64	65.69	49.35	57.85
2019	60.31	57.94	59.38	64.02	65.37	65.02	58.17	50.92	54.59
2020									
January	60.39	53.87	57.92	63.24	64.08	63.77	58.99	45.98	52.41
February	54.01	47.39	51.37	57.27	57.28	57.28	50.76	38.20	43.93
March	35.00	28.50	32.55	35.93	37.10	36.60	30.59	21.65	25.64
April	21.07	16.74	19.32	27.42	26.07	26.65	19.25	13.19	15.86
May	24.43	22.56	23.55	36.45	30.34	32.24	25.07	17.46	21.15
June	37.25	36.14	36.80	42.97	37.34	39.27	38.11	35.22	36.74
July	40.56	39.33	40.08	45.44	43.76	44.18	41.15	37.50	39.42
August	42.83	41.72	42.42	45.83	44.95	45.16	42.71	39.73	41.26
September	40.41	38.73	39.81	43.67	41.74	42.25	40.30	35.84	38.36
October	40.06	37.81	39.21	41.42	40.17	40.56	39.93	35.99	38.27
November	41.56	39.15	40.68	45.02	43.61	44.02	41.67	36.52	39.40
December	46.69	45.34	46.20	51.51	49.60	49.99	47.37	42.65	45.32
2020	41.23	37.41	39.75	44.76	43.73	44.07	40.66	33.48	37.17
2021									
January	52.45	49.52	51.36	55.93	54.38	54.66	52.50	45.81	49.22
February	60.14	55.67	58.39	63.55	60.82	61.53	59.98	50.97	55.77
March	63.24	59.78	61.96	66.89	65.74	65.96	63.77	56.82	60.50
April	63.25	60.86	62.39	68.22	65.59	65.94	63.54	57.02	60.74
May	65.94	63.81	65.15	69.76	68.63	68.81	66.61	60.89	64.09
June	71.60	68.85	70.54	74.97	73.18	73.44	72.25	65.37	69.34
July	73.28	69.88	71.97	76.48	74.82	75.09	74.18	66.54	70.92
August	69.27	65.66	67.87	73.16	71.73	71.97	69.79	61.90	66.52
September	R72.38	R69.26	R71.09	R76.34	R73.99	R74.31	R73.18	R66.19	R70.18
October	R80.82	R76.08	R78.88	83.82	82.61	82.81	82.55	71.33	76.68

See footnotes at end of table.

Table 1A. Refiner acquisition cost of crude oil by PAD Districts (cont.)

dollars per barrel

Year month	PAD District 3			PAD District 4			PAD District 5		
	Domestic	Imported	Composite	Domestic	Imported	Composite	Domestic	Imported	Composite
2004	39.28	34.79	35.87	39.98	35.93	37.81	36.81	38.20	37.30
2005	53.17	47.77	48.99	53.50	48.54	50.89	50.61	50.77	50.67
2006	63.17	58.34	59.54	60.80	56.17	58.45	60.90	61.44	61.15
2007	70.58	66.34	67.48	65.79	60.81	63.43	67.47	69.42	68.34
2008	100.39	91.86	94.11	91.49	88.56	90.12	94.53	96.30	95.35
2009	60.61	59.21	59.64	56.30	56.53	56.39	57.79	60.07	58.78
2010	78.73	75.67	76.65	73.56	70.77	72.37	76.56	78.23	77.34
2011	103.24	104.78	104.24	89.34	84.87	87.61	103.83	105.68	104.73
2012	104.32	105.18	104.83	86.83	80.80	84.63	103.03	106.43	104.69
2013	104.64	101.42	103.02	88.96	80.75	85.21	103.82	105.12	104.40
2014	94.67	90.84	93.06	84.63	78.73	81.93	94.45	96.13	95.22
2015	50.16	46.49	48.75	44.77	39.73	42.28	50.30	50.91	50.59
2016	41.97	38.22	40.42	41.48	34.49	38.11	42.10	42.21	42.16
2017	51.74	49.12	50.73	50.43	43.05	47.19	53.44	52.77	53.08
2018	66.94	64.10	65.95	62.87	45.87	55.01	70.82	68.91	69.81
2019	60.44	59.49	60.19	54.65	49.53	52.26	64.45	64.24	64.34
2020									
January	60.28	55.09	58.98	52.65	44.72	48.44	64.71	64.37	64.55
February	54.68	50.56	53.63	50.06	37.62	43.01	55.80	56.88	56.39
March	35.96	30.62	34.73	34.39	20.63	27.31	36.05	36.02	36.04
April	20.84	15.84	19.32	21.00	11.01	16.10	23.00	24.54	23.68
May	22.21	23.44	22.73	25.68	13.89	17.68	30.20	31.65	30.82
June	36.58	36.30	36.49	38.04	35.35	36.27	37.69	37.79	37.73
July	40.05	39.73	39.96	40.55	34.81	36.99	41.35	42.74	41.97
August	42.72	42.21	42.59	41.34	38.94	40.26	43.67	44.45	44.02
September	40.41	39.79	40.26	38.88	35.67	37.47	40.83	42.11	41.39
October	40.22	38.52	39.74	38.29	34.21	35.84	39.96	40.98	40.40
November	41.47	39.91	41.05	39.61	36.01	37.40	41.92	42.82	42.27
December	46.17	45.93	46.11	44.84	40.18	42.14	48.34	48.75	48.52
2020	41.15	37.60	40.16	39.40	32.47	35.46	42.46	44.11	43.21
2021									
January	52.20	50.39	51.78	50.24	44.33	47.35	54.05	53.70	53.88
February	59.95	57.13	59.27	58.24	49.29	52.71	61.04	61.17	61.11
March	62.76	59.72	62.07	61.92	54.10	56.91	64.71	64.53	64.63
April	62.94	61.23	62.53	61.73	56.70	59.60	64.33	63.99	64.15
May	65.46	63.43	65.01	64.88	58.65	61.29	67.34	67.31	67.33
June	71.11	69.15	70.63	70.67	62.58	65.65	72.95	72.82	72.87
July	72.92	70.41	72.27	71.61	63.28	66.66	73.72	73.87	73.81
August	69.06	66.01	68.29	67.21	59.92	62.59	69.71	69.73	69.72
September	R71.84	R69.32	R71.15	71.06	R61.16	R64.89	R73.69	R74.08	R73.92
October	79.91	77.13	79.23	80.20	71.10	74.96	82.56	82.14	82.32

R = Revised data.

Notes: United States is defined as the 50 states, the District of Columbia, Puerto Rico, the Virgin Islands, and all American territories and possessions. Values reflect the PAD District in which the crude oil is intended to be refined. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-14, Refiners' Monthly Cost Report, January 2004 to present.

Table 2. U.S. refiner prices of petroleum products to end users

dollars per gallon, excluding taxes

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 2 distillate					Residual fuel oil
						No. 1 distillate	No. 2 diesel fuel	No. 2 fuel oil	Average	No. 4 fuel[a]	
1994	0.738	0.957	0.534	0.530	0.660	0.640	0.554	0.572	0.556	0.501	0.352
1995	0.765	1.005	0.540	0.492	0.589	0.620	0.560	0.562	0.560	0.505	0.392
1996	0.847	1.116	0.651	0.605	0.740	0.726	0.681	0.673	0.680	0.603	0.455
1997	0.839	1.128	0.613	0.552	0.745	0.689	0.642	0.636	0.642	0.565	0.423
1998	0.673	0.975	0.452	0.405	0.501	0.551	0.494	0.482	0.492	0.428	0.305
1999	0.781	1.059	0.543	0.458	0.605	0.621	0.584	0.558	0.580	0.474	0.374
2000	1.106	1.306	0.899	0.603	1.123	0.988	0.935	0.927	0.934	0.769	0.602
2001	1.032	1.323	0.775	0.506	1.045	0.902	0.842	0.829	0.840	0.679	0.531
2002	0.947	1.288	0.721	0.419	0.990	0.828	0.762	0.737	0.759	0.657	0.569
2003	1.156	1.493	0.872	0.577	1.224	1.017	0.944	0.933	0.942	0.856	0.698
2004	1.435	1.819	1.207	0.839	1.160	1.262	1.243	1.173	1.235	1.017	0.739
2005	1.829	2.231	1.735	1.089	1.957	1.832	1.786	1.705	1.777	W	1.048
2006	2.128	2.682	1.998	1.358	2.244	2.137	2.096	1.982	2.091	W	1.218
2007	2.345	2.849	2.165	1.489	2.263	2.286	2.267	2.241	2.266	W	1.374
2008	2.775	3.273	3.052	1.892	3.283	2.983	3.150	2.986	3.143	W	1.964
2009	1.888	2.442	1.704	1.220	2.675	2.141	1.834	1.962	1.840	W	1.341
2010	2.301	3.028	2.201	1.481	3.063	2.705	2.314	2.462	2.318	W	1.713
2011	3.050	3.803	3.054	1.709	3.616	3.467	3.117	3.193	3.119	W	2.401
2012	3.154	3.971	3.104	1.139	3.843	3.580	3.202	3.358	3.206	W	2.592
2013	3.049	3.932	2.979	1.028	3.842	3.483	3.122	3.335	3.126	W	2.482
2014	2.855	3.986	2.772	1.097	W	3.117	2.923	3.329	2.924	W	2.325
2015	2.003	W	1.629	0.481	W	1.822	1.819	2.016	1.821	W	1.285
2016	1.730	W	1.319	0.498	W	1.702	1.511	1.716	1.512	W	0.945
2017	1.976	W	1.629	0.772	W	2.230	1.811	2.010	1.813	W	1.287
2018	2.303	W	2.119	0.925	3.113	2.600	2.256	2.380	2.257	-	1.662
2019	2.245	W	1.970	0.603	W	2.449	2.114	2.269	2.115	-	1.584
2020											
January	2.150	W	1.958	0.502	W	2.473	2.002	2.328	2.006	-	1.939
February	2.060	W	1.667	0.469	W	2.305	1.835	2.113	1.838	-	1.735
March	1.862	W	1.257	0.378	W	2.080	1.486	1.813	1.489	-	1.371
April	1.490	W	0.740	0.368	W	1.551	1.137	1.220	1.138	-	0.976
May	1.598	W	0.728	0.421	W	1.305	1.130	1.162	1.130	-	0.817
June	1.768	W	1.046	0.515	3.321	1.483	1.354	1.338	1.354	-	0.949
July	1.806	2.761	1.175	0.518	3.059	1.483	1.431	1.394	1.431	-	1.071
August	1.814	2.805	1.188	0.541	3.163	W	1.456	1.464	1.456	-	1.224
September	1.804	2.613	1.110	0.508	W	1.759	1.386	1.411	1.386	-	1.200
October	1.773	2.495	1.134	0.548	W	1.878	1.400	1.360	1.400	-	1.151
November	1.736	2.485	1.216	0.577	W	1.769	1.482	1.760	1.485	-	1.145
2020	1.829	2.685	1.293	0.502	W	1.891	1.486	1.660	1.488	-	1.246
2021											
January	1.986	2.829	1.485	0.908	W	2.022	1.713	2.103	1.715	-	1.462
February	2.201	3.148	1.642	0.972	W	2.190	1.933	2.173	1.935	-	1.617
March	2.442	3.364	1.763	0.964	W	2.324	2.111	2.323	2.113	-	1.766
April	2.493	3.363	1.724	0.851	W	2.322	2.090	2.185	2.091	-	1.756
May	2.683	3.447	1.822	0.833	W	2.380	2.177	2.291	2.177	-	1.760
June	3.000	3.492	1.906	0.966	W	2.514	2.228	2.341	2.228	-	1.867
July	3.105	W	1.981	1.096	2.860	2.593	2.282	2.505	2.283	-	1.969
August	3.146	W	1.965	1.122	W	2.596	2.266	2.395	2.267	-	1.901
September	3.143	W	2.032	1.296	2.817	2.614	2.323	2.387	2.324	-	1.950
October	3.201	3.783	2.300	1.459	3.425	2.864	2.560	2.678	2.561	-	2.093

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

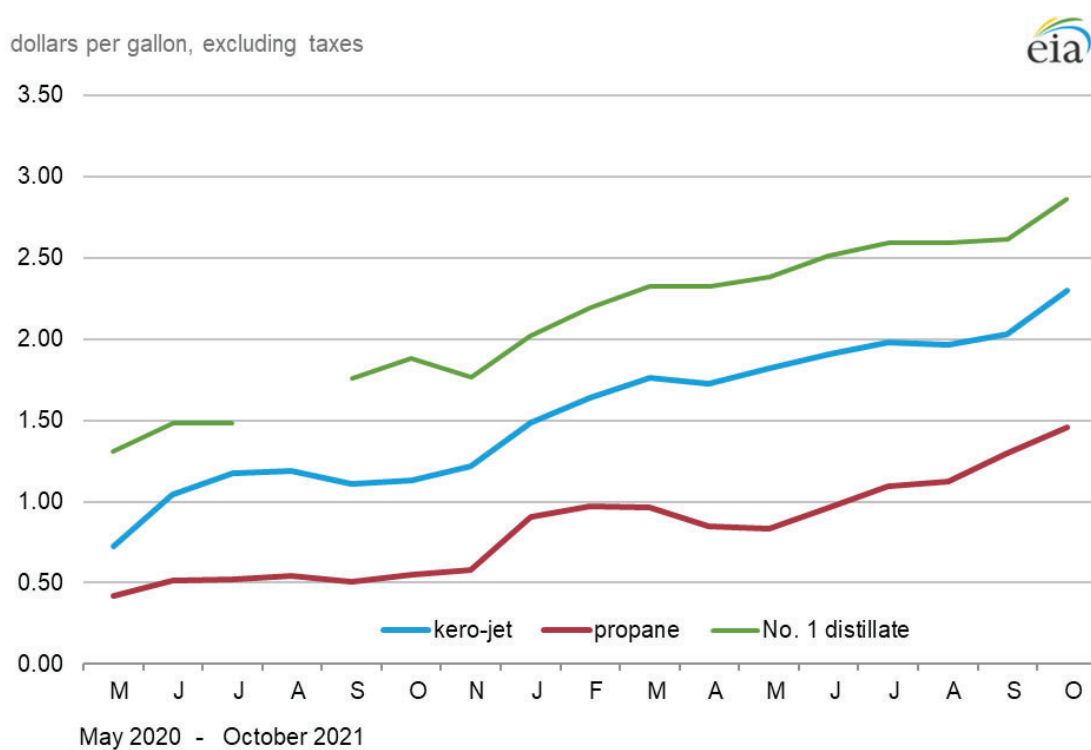
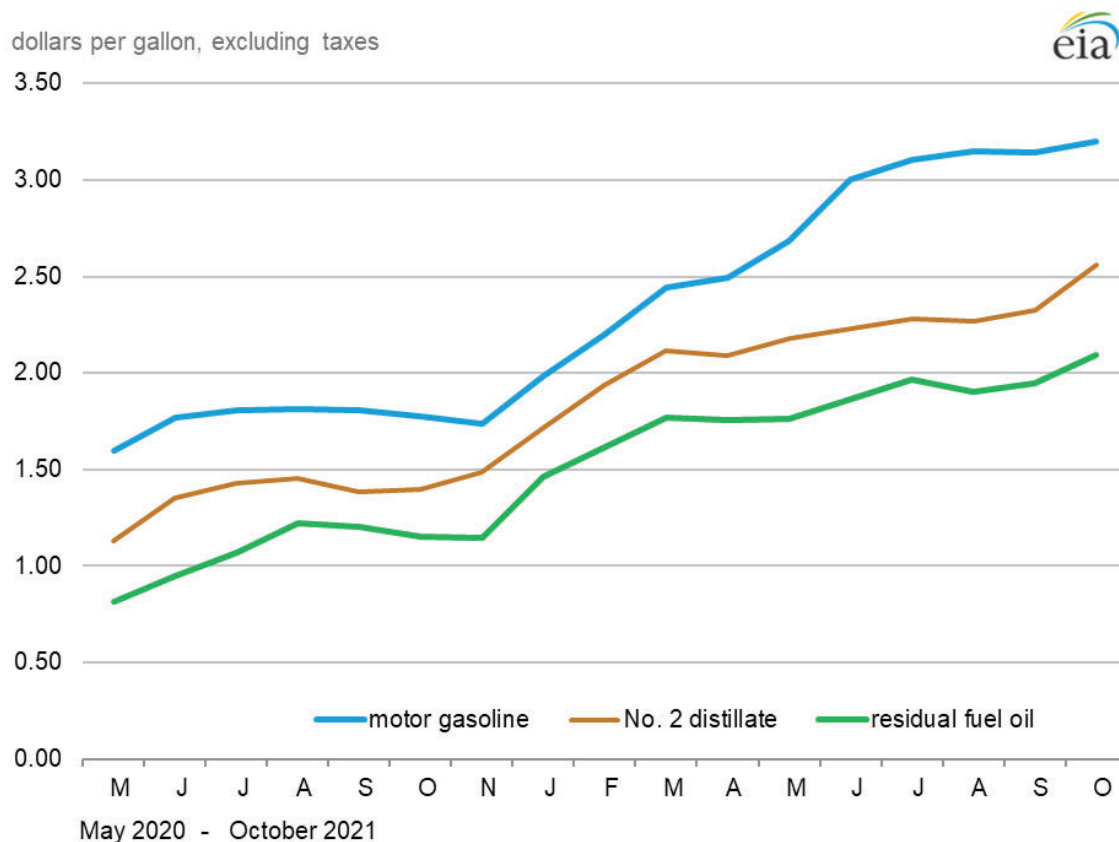
R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals before October 1993 include leaded gasoline. Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 2. U.S. Refiner retail petroleum product prices



Sources: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Sales Report*.

Table 3. U.S. refiner volumes of petroleum products to end users

million gallons per day

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 2 distillate			Average	No. 4 fuel[a]	Residual fuel oil
						No. 1 distillate	No. 2 diesel fuel	No. 2 fuel oil			
1994	55.0	0.2	45.2	2.2	0.4	0.4	21.3	3.4	24.6	0.8	13.5
1995	55.9	0.2	45.7	3.2	0.6	0.3	21.6	3.3	24.9	0.5	11.6
1996	57.5	0.2	48.7	3.1	0.4	0.3	21.9	3.1	25.0	0.4	12.9
1997	61.1	0.2	49.7	3.2	0.3	0.4	22.0	3.0	25.0	0.3	13.4
1998	63.3	0.2	48.9	3.1	0.4	0.4	21.1	3.2	24.3	0.3	14.4
1999	62.0	0.1	47.0	3.6	0.2	0.3	21.1	3.0	24.1	0.3	13.9
2000	60.9	0.2	49.3	2.9	0.2	0.3	22.6	2.8	25.4	0.3	13.1
2001	62.0	0.1	49.7	3.6	0.2	0.3	22.9	3.0	26.0	0.4	14.8
2002	63.6	0.1	49.1	2.6	0.1	0.3	19.6	3.0	22.6	0.4	10.4
2003	63.8	0.1	44.0	2.5	0.1	0.3	16.7	2.7	19.5	0.3	10.7
2004	58.4	0.1	46.4	2.7	0.5	0.2	16.9	2.4	19.3	0.3	10.2
2005	59.0	0.1	45.2	3.2	0.1	0.3	17.0	2.1	19.1	W	10.4
2006	60.0	0.1	42.1	2.7	0.1	0.2	24.2	1.2	25.4	W	10.4
2007	57.7	0.1	40.1	3.3	0.1	0.2	23.6	0.8	24.3	W	10.9
2008	55.1	0.1	39.9	2.7	NA	0.1	19.9	0.9	20.8	W	8.4
2009	49.8	0.2	38.0	3.7	NA	0.1	16.9	0.9	17.8	W	8.5
2010	44.7	0.1	34.8	3.9	0.0	0.1	15.3	0.4	15.8	W	7.6
2011	39.0	0.1	33.3	4.5	0.0	0.1	13.4	0.4	13.8	W	6.4
2012	29.7	0.1	32.5	5.6	0.0	0.1	12.2	0.3	12.5	W	5.5
2013	24.7	0.0	31.4	5.3	0.0	0.1	11.5	0.2	11.7	W	5.2
2014	21.6	0.0	31.3	4.9	W	0.1	11.9	0.1	11.9	W	4.6
2015	25.5	W	33.4	5.6	W	0.1	12.6	0.1	12.7	W	4.0
2016	25.6	W	31.2	6.1	W	0.1	12.6	0.1	12.7	W	4.2
2018	24.3	W	31.3	3.6	0.0	0.1	12.6	0.1	12.7	-	3.5
2019	24.2	W	31.5	3.0	W	0.1	11.9	0.1	12.0	-	2.6
2020											
January	22.8	W	31.2	3.7	W	0.2	11.0	0.2	11.1	-	1.8
February	23.3	W	30.0	4.1	W	0.1	11.2	0.1	11.3	-	2.4
March	18.5	W	27.2	4.3	W	0.1	10.5	0.1	10.6	-	2.0
April	12.4	W	13.8	2.8	W	0.1	10.5	0.1	10.6	-	2.3
May	15.6	W	14.2	3.0	W	0.1	9.2	0.1	9.3	-	1.6
June	19.1	W	18.2	2.1	0.0	0.0	9.2	0.1	9.3	-	1.8
July	20.6	0.0	20.2	2.2	0.0	0.1	9.4	0.1	9.6	-	2.0
August	20.6	0.0	21.1	2.4	0.0	W	9.3	0.1	9.4	-	1.7
September	20.5	0.0	20.2	3.4	W	0.1	9.5	0.1	9.5	-	1.9
October	20.7	0.0	20.5	3.0	W	0.1	9.7	0.1	9.9	-	2.9
November	19.0	0.0	22.1	3.7	W	0.2	9.4	0.1	9.5	-	2.0
2020	19.3	0.0	21.9	3.2	W	0.1	9.8	0.1	9.9	-	2.1
2021											
January	18.1	0.0	21.3	3.9	W	0.1	9.3	0.1	9.3	-	2.1
February	18.5	0.0	20.7	4.2	W	0.2	9.3	0.1	9.4	-	2.0
March	20.1	0.0	24.4	3.0	W	0.1	9.7	0.1	9.8	-	2.1
April	20.8	0.0	26.0	3.4	W	0.1	10.0	0.1	10.1	-	2.0
May	12.2	0.0	26.4	3.0	W	0.0	9.0	0.1	9.1	-	1.8
June	4.9	0.0	28.0	3.2	W	0.0	8.8	0.1	8.8	-	2.2
July	4.8	W	28.3	4.6	0.0	0.0	7.9	0.0	8.0	-	1.8
August	4.8	W	31.3	4.2	W	0.1	8.0	0.1	8.0	-	2.0
September	4.7	W	R30.8	5.2	0.0	0.1	8.2	0.1	8.3	-	1.8
October	4.6	0.0	28.9	4.4	0.0	0.1	7.9	0.1	8.0	-	2.0

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

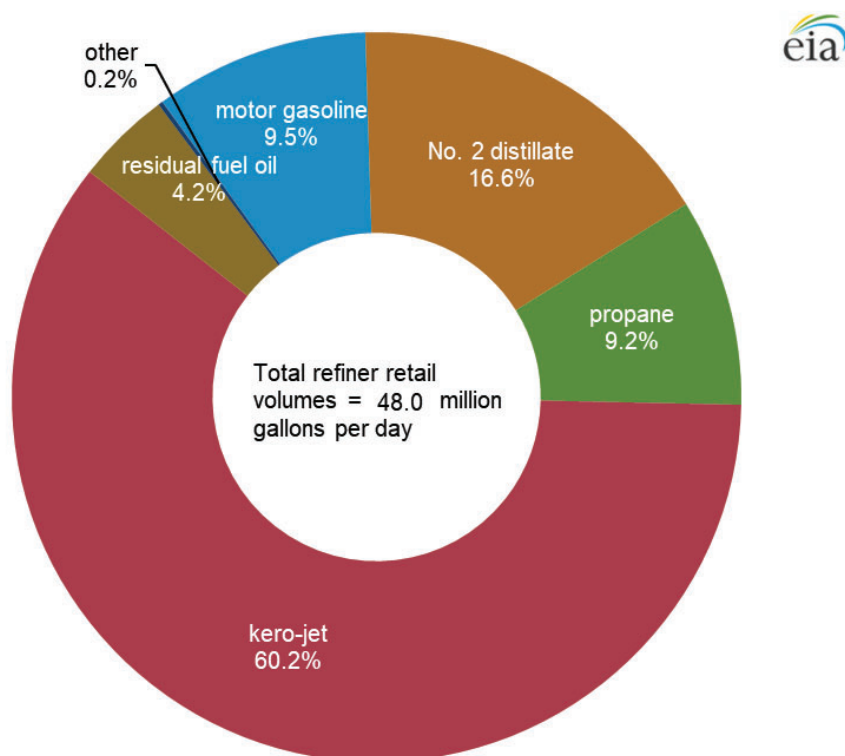
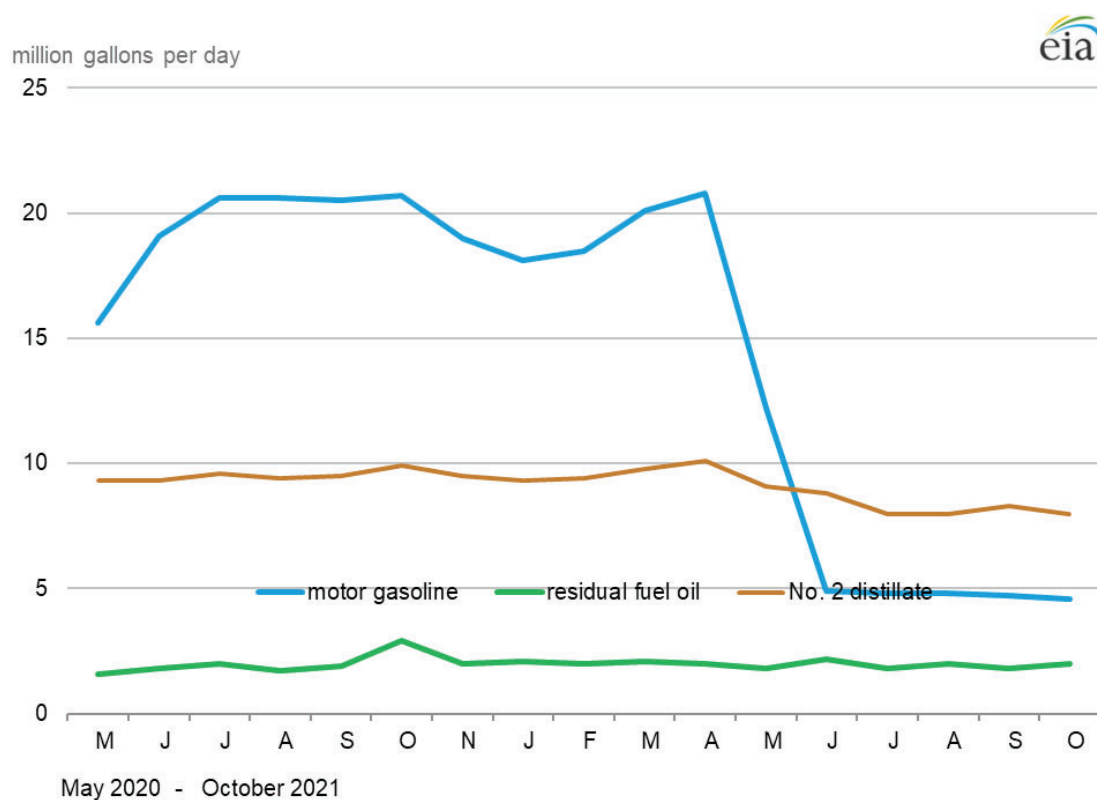
R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals before October 1993 include leaded gasoline. Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components because of rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 3. U.S. Refiner retail petroleum product volumes



Source: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 4. U.S. refiner prices of petroleum products for resale

dollars per gallon, excluding taxes

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 2 distillate					Residual fuel oil
						No. 1 distillate	No. 2 diesel fuel	No. 2 fuel oil	Average	No. 4 fuel[a]	
1994	0.599	0.933	0.534	0.324	0.618	0.615	0.529	0.506	0.522	0.462	0.317
1995	0.626	0.975	0.539	0.344	0.580	0.625	0.538	0.511	0.530	0.463	0.363
1996	0.713	1.055	0.646	0.461	0.714	0.751	0.659	0.639	0.653	0.603	0.420
1997	0.70	1.065	0.613	0.416	0.653	0.723	0.606	0.590	0.602	0.551	0.387
1998	0.526	0.912	0.450	0.288	0.465	0.513	0.444	0.422	0.439	0.383	0.280
1999	0.645	1.007	0.533	0.342	0.550	0.634	0.546	0.493	0.536	0.430	0.354
2000	0.963	1.330	0.880	0.595	0.969	1.019	0.898	0.886	0.896	0.778	0.566
2001	0.886	1.256	0.763	0.540	0.821	0.883	0.784	0.756	0.779	0.697	0.476
2002	0.828	1.146	0.716	0.431	0.752	0.805	0.724	0.694	0.718	0.663	0.530
2003	1.002	1.288	0.871	0.607	0.955	1.033	0.883	0.881	0.882	0.793	0.661
2004	1.288	1.627	1.208	0.751	1.271	1.289	1.187	1.125	1.178	1.033	0.681
2005	1.670	2.076	1.723	0.933	1.757	1.801	1.737	1.623	1.720	1.377	0.971
2006	1.969	2.490	1.961	1.031	2.007	2.044	2.012	1.834	1.991	1.395	1.136
2007	2.182	2.758	2.171	1.194	2.249	2.430	2.203	2.072	2.190	1.551	1.350
2008	2.586	3.342	3.020	1.437	2.851	2.712	2.994	2.745	2.970	2.157	1.866
2009	1.767	2.480	1.719	0.921	1.844	2.050	1.713	1.657	1.707	1.561	1.342
2010	2.165	2.874	2.185	1.212	2.299	2.573	2.214	2.147	2.208	W	1.697
2011	2.867	3.739	3.014	1.467	3.065	3.223	3.034	2.907	3.025	2.801	2.336
2012	2.929	3.919	3.080	1.033	3.163	3.349	3.109	3.031	3.103	W	2.457
2013	2.812	3.869	2.953	1.048	3.084	3.340	3.028	2.966	3.025	2.767	2.278
2014	2.618	3.687	2.763	1.165	2.882	3.213	2.812	2.741	2.809	2.333	2.044
2015	1.726	2.764	1.592	0.555	1.735	1.957	1.667	1.565	1.663	1.215	0.996
2016	1.454	2.404	1.295	0.523	1.383	1.589	1.378	1.239	1.370	0.956	0.745
2017	1.689	2.682	1.603	0.800	1.730	2.093	1.691	1.600	1.686	W	1.116
2018	1.980	3.006	2.073	0.877	2.160	2.380	2.130	2.002	2.123	W	1.463
2019	1.858	2.842	1.929	0.622	2.017	2.296	1.958	1.895	1.955	W	1.428
2020											
January	1.743	2.752	1.891	0.557	2.008	2.171	1.858	1.863	1.858	W	1.675
February	1.669	2.698	1.613	0.530	1.802	1.968	1.671	1.627	1.668	W	1.540
March	1.127	2.279	1.189	0.410	1.115	1.579	1.278	1.238	1.275	W	1.121
April	0.645	1.590	0.703	0.378	0.837	1.193	0.908	0.872	0.906	W	0.733
May	1.049	1.869	0.690	0.454	0.848	1.115	0.878	0.795	0.873	W	0.775
June	1.311	2.134	1.002	0.514	1.099	1.424	1.135	1.002	1.129	W	1.017
July	1.380	2.253	1.144	0.507	1.172	1.526	1.254	1.152	1.251	W	1.137
August	1.389	2.219	1.162	0.536	1.250	1.526	1.275	1.179	1.273	W	1.135
September	1.354	2.246	1.076	0.516	1.215	1.445	1.195	1.091	1.191	W	1.066
October	1.312	2.217	1.107	0.597	1.293	1.499	1.215	1.089	1.210	W	1.041
November	1.287	2.123	1.180	0.630	1.322	1.647	1.315	1.156	1.306	W	1.145
2020	1.330	2.233	1.295	0.535	1.310	1.772	1.286	1.246	1.284	W	1.143
2021											
January	1.575	2.482	1.456	0.922	1.688	1.798	1.580	1.481	1.574	W	1.432
February	1.784	2.659	1.599	1.032	1.939	2.049	1.806	1.667	1.796	W	1.518
March	2.011	2.978	1.720	0.985	1.854	2.244	1.956	1.726	1.944	W	1.683
April	2.055	3.018	1.688	0.849	1.816	2.134	1.911	1.700	1.903	W	1.686
May	2.181	3.107	1.790	0.824	1.800	2.362	2.072	1.806	2.064	W	1.736
June	2.252	3.190	1.871	0.950	1.907	2.449	2.147	1.927	2.141	W	1.783
July	2.337	3.337	1.946	1.075	1.940	2.467	2.182	1.931	2.177	W	1.818
August	2.302	3.299	1.922	1.110	1.899	2.446	2.146	1.885	2.142	W	1.776
September	2.310	3.248	1.808	1.280	2.109	2.475	2.240	2.041	2.235	W	1.845
October	2.495	3.365	2.279	1.460	2.434	2.789	2.502	2.347	2.497	W	2.050

W = Withheld to avoid disclosure of individual company data.

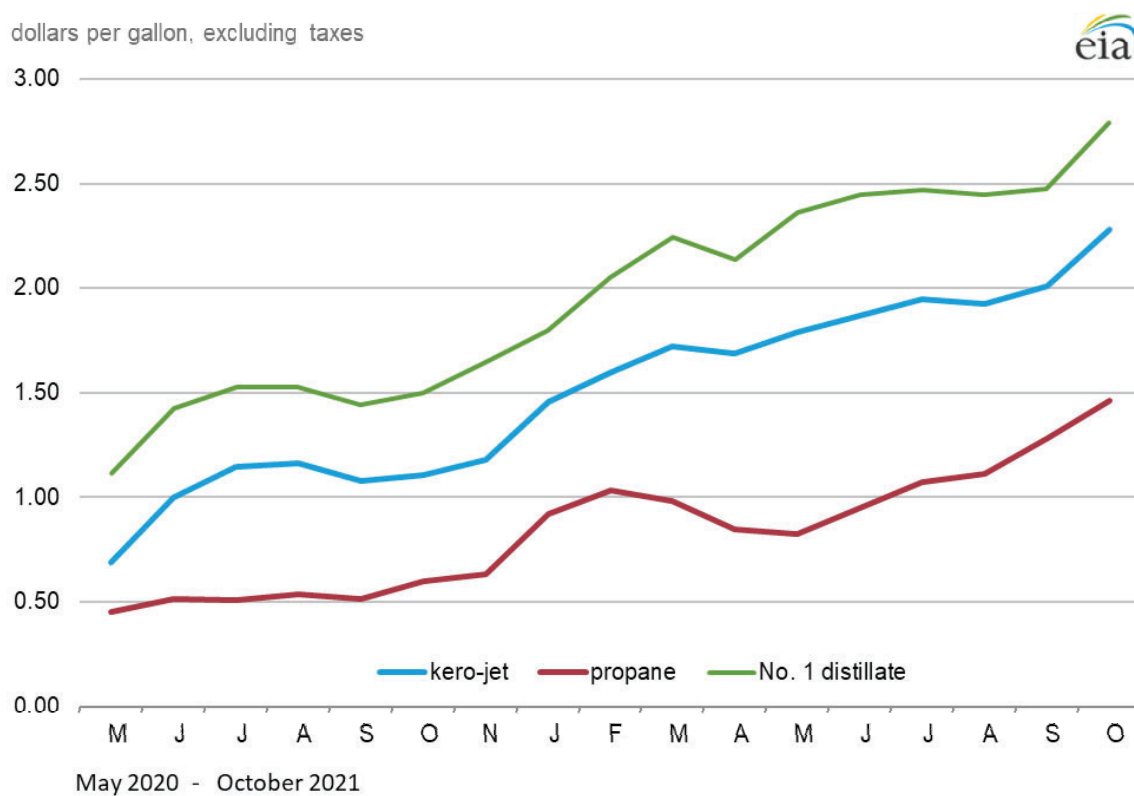
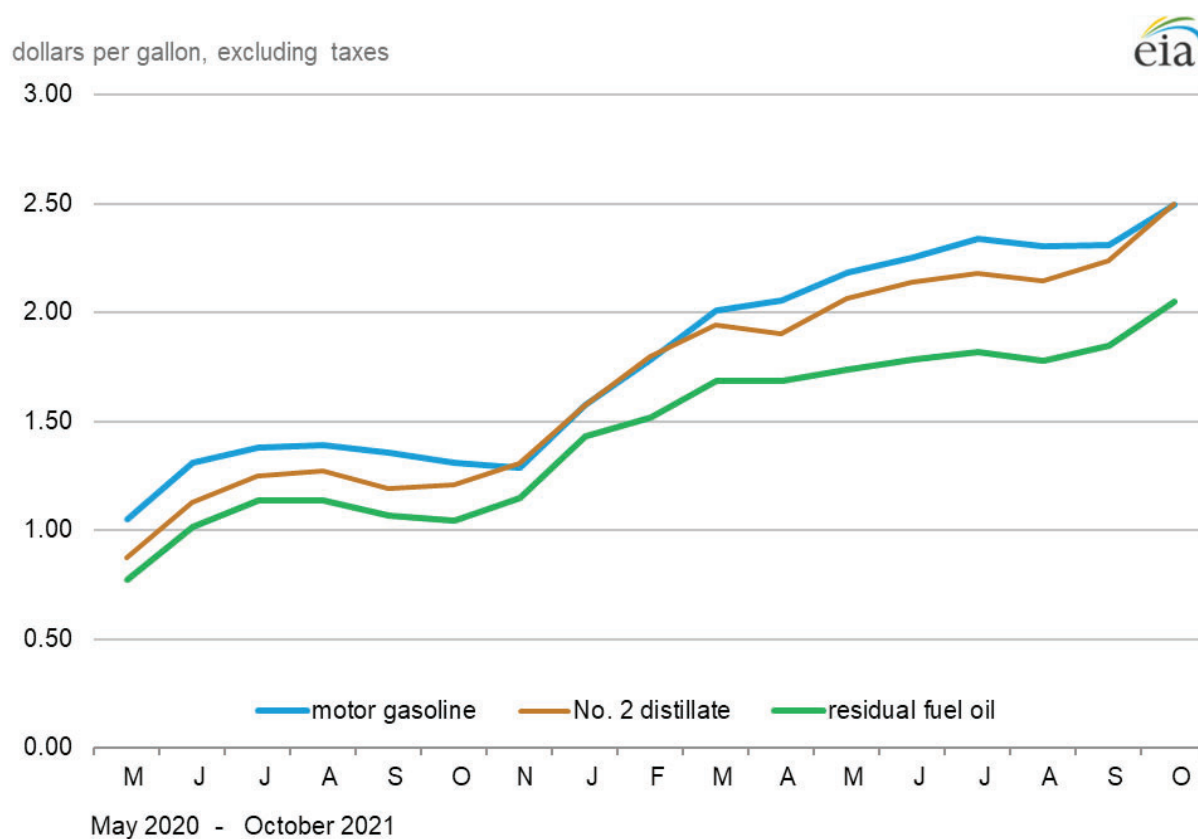
R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: - Motor gasoline averages and totals before October 1993 include leaded gasoline. - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 4. U.S. Refiner wholesale petroleum product prices



Source: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 5. U.S. refiner volumes of petroleum sales for resale

million gallons per day

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 1 distillate	No. 2 distillate		Average	No. 4 fuel[a]	Residual fuel oil
							No. 2 diesel fuel	No. 2 fuel oil			
1994	276.7	0.7	9.1	28.4	2.5	1.9	72.4	32.9	105.3	0.4	12.8
1995	288.8	0.6	9.9	30.6	2.4	1.7	75.9	31.0	106.9	0.3	13.6
1996	293.6	0.6	11.5	32.9	2.7	1.8	83.7	33.1	116.8	0.3	13.8
1997	292.7	0.6	11.3	32.2	2.5	1.6	88.7	31.2	119.9	0.2	11.5
1998	300.4	0.6	12.2	32.7	2.2	1.4	91.9	27.3	119.2	0.1	15.4
1999	306.9	0.7	15.2	33.6	2.4	1.7	95.5	24.3	119.9	0.2	11.5
2000	304.4	0.6	15.7	34.8	2.3	1.5	98.8	23.3	122.1	0.2	10.5
2001	305.2	0.6	14.3	35.0	2.2	1.4	101.3	25.2	126.4	0.1	10.3
2002	311.8	0.6	12.1	32.9	2.0	1.3	100.8	23.6	124.4	0.1	8.8
2003	311.6	0.5	12.2	36.5	2.3	1.2	108.9	20.9	129.8	0.1	6.7
2004	316.4	0.6	12.7	40.3	2.1	1.3	116.5	19.6	136.1	NA	5.9
2005	321.8	0.5	15.2	35.1	2.0	1.4	118.7	20.6	139.3	NA	4.7
2006	315.6	0.5	15.2	39.4	1.4	1.3	123.2	16.7	139.9	0.3	6.5
2007	319.8	0.5	16.6	41.7	1.4	0.9	135.3	14.5	149.8	0.3	8.2
2008	306.4	0.4	16.5	34.2	1.0	1.0	138.7	14.9	153.6	0.2	9.5
2009	307.4	0.4	15.2	31.8	1.3	1.0	128.0	15.1	143.1	0.1	9.8
2010	312.0	0.4	20.3	28.3	1.4	0.9	135.5	11.5	147.0	W	10.7
2011	296.3	0.4	23.0	28.6	1.2	1.0	134.6	10.7	145.3	0.1	12.2
2012	294.7	0.4	23.5	27.6	1.2	0.8	136.9	10.7	147.6	W	8.8
2013	291.0	0.4	26.4	34.9	1.3	1.0	142.9	7.7	150.6	0.1	9.0
2014	289.2	0.4	27.5	32.9	1.4	1.4	146.3	7.0	153.3	0.1	8.0
2015	298.7	0.4	28.6	31.6	1.2	1.2	146.5	6.7	153.2	0.2	8.1
2016	303.8	0.4	30.3	32.4	1.2	1.0	138.3	8.2	146.5	0.1	8.4
2017	301.5	0.4	38.1	28.9	1.0	1.0	146.5	8.5	155.0	W	7.1
2018	305.4	0.4	40.5	28.4	1.2	1.2	154.5	9.1	163.7	W	7.6
2019	301.9	0.4	41.1	31.4	1.2	1.4	160.2	9.1	169.4	W	7.5
2020											
January	282.8	0.5	40.7	40.4	1.0	2.6	153.3	11.9	165.2	W	6.9
February	290.0	0.4	38.8	34.7	0.7	2.1	150.9	10.4	161.4	W	7.8
March	250.9	0.4	35.4	31.7	0.9	0.9	154.5	9.1	163.7	W	7.9
April	188.1	0.3	13.3	23.6	0.7	0.5	152.6	8.5	161.1	W	8.7
May	231.4	0.4	11.3	19.2	0.8	0.2	153.8	9.3	163.0	W	5.8
June	270.5	0.4	14.7	17.0	0.7	0.1	153.2	6.0	159.2	W	5.7
July	274.4	0.4	18.0	19.0	1.1	0.2	143.4	3.9	147.2	W	4.4
August	277.2	0.4	17.8	18.0	0.8	0.2	144.3	3.4	147.8	W	4.4
September	273.3	0.4	18.7	22.7	0.8	0.4	152.5	6.0	158.5	W	6.0
October	272.1	0.4	18.1	24.3	0.7	1.3	150.7	6.6	157.4	W	5.8
November	260.0	0.3	20.9	25.3	0.9	1.7	143.7	8.4	152.1	W	5.4
2020	260.5	0.4	22.5	25.6	0.8	1.0	149.6	7.8	157.4	W	6.1
2021											
January	246.5	0.4	20.8	32.6	0.9	2.0	134.6	9.1	143.7	W	4.9
February	251.0	0.3	20.4	36.8	1.1	3.3	135.2	10.6	145.8	W	4.9
March	271.8	0.4	25.9	24.9	0.4	0.8	147.1	7.9	155.0	W	7.0
April	283.4	0.5	28.5	19.8	0.3	0.4	151.0	5.6	156.6	W	4.9
May	297.7	0.4	27.2	20.0	0.5	0.1	143.8	4.6	148.5	W	5.1
June	312.4	0.5	30.6	19.7	0.5	0.1	157.6	4.1	161.7	W	5.8
July	312.6	0.6	30.7	19.7	0.7	0.1	146.6	2.7	149.4	W	4.1
August	308.7	0.5	29.2	20.8	0.7	0.2	150.3	2.3	152.6	W	4.9
September	R304.0	0.5	R28.8	23.5	0.9	0.5	R154.6	4.1	R158.7	W	4.9
October	296.5	0.4	28.5	25.5	1.4	1.0	154.3	5.7	160.0	W	5.7

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

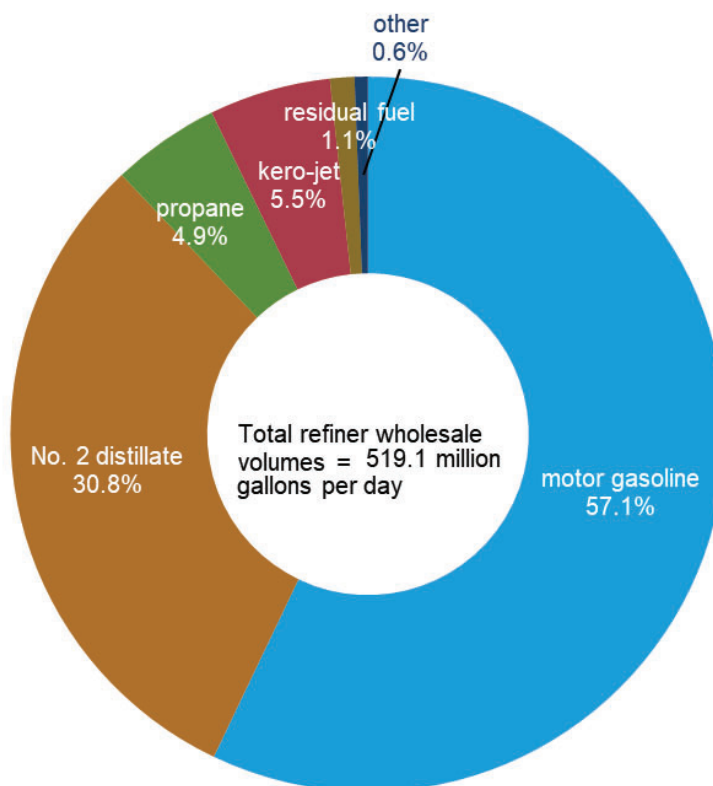
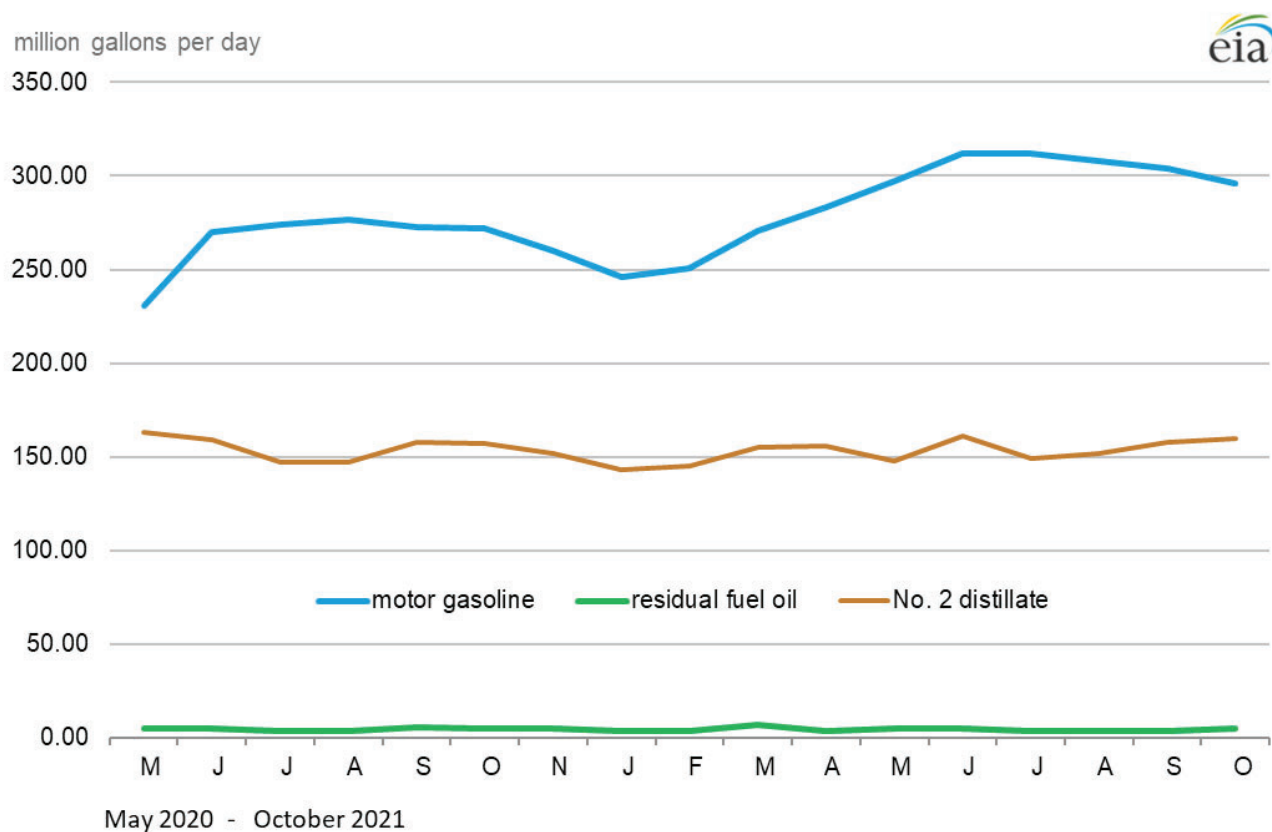
R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals before October 1993 include leaded gasoline. Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components because of rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 5. U.S. Refiner wholesale petroleum product volumes



Source: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 6. U.S. refiner motor gasoline prices by grade and sales type

dollars per gallon excluding taxes

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.695	0.689	0.646	0.547	0.502	0.566	0.791	0.785	0.704	0.584	NA	0.638
1995	0.723	0.717	0.682	0.576	0.534	0.593	0.813	0.808	0.737	0.619	NA	0.670
1996	0.812	0.807	0.770	0.672	0.622	0.685	0.901	0.896	0.824	0.709	NA	0.759
1997	0.803	0.798	0.764	0.656	0.615	0.673	0.898	0.895	0.822	0.694	0.711	0.749
1998	0.634	0.630	0.596	0.481	0.449	0.499	0.731	0.728	0.655	0.521	NA	0.576
1999	0.747	0.742	0.730	0.605	0.542	0.620	0.838	0.835	0.784	0.639	NA	0.696
2000	1.077	1.073	1.042	0.927	0.873	0.942	1.171	1.168	1.099	0.960	-	1.013
2001	1	0.997	0.977	0.848	0.786	0.865	1.103	1.10	1.042	0.888	-	0.945
2002	0.915	0.912	0.886	0.801	0.735	0.806	1.013	1.010	0.968	0.839	-	0.885
2003	1.127	1.123	1.134	0.965	0.888	0.981	1.222	1.218	1.196	1.004	-	1.061
2004	1.407	1.404	1.414	1.257	1.182	1.269	1.503	1.499	1.469	1.296	-	1.340
2005	1.805	1.802	1.765	1.653	1.568	1.654	1.896	1.893	1.821	1.681	-	1.708
2006	2.102	2.099	2.082	1.944	1.866	1.950	2.216	2.213	2.157	1.987	-	2.016
2007	2.318	2.315	2.278	2.161	2.074	2.161	2.440	2.438	2.351	2.226	-	2.245
2008	2.752	2.748	2.702	2.558	2.525	2.570	2.880	2.879	2.775	2.588	-	2.610
2009	1.860	1.856	1.866	1.744	1.668	1.747	1.998	1.997	1.957	1.762	-	1.784
2010	2.275	2.270	2.261	2.144	2.073	2.146	2.416	2.416	2.357	2.168	-	2.185
2011	3.028	3.021	2.961	2.846	2.762	2.847	3.165	3.165	3.057	2.880	-	2.893
2012	3.132	3.118	3.086	2.892	2.836	2.904	3.291	3.290	3.194	2.906	-	2.925
2013	3.029	3.010	2.907	2.769	2.747	2.779	3.200	3.199	3.038	2.862	-	2.876
2014	2.832	2.811	2.767	2.574	2.520	2.584	3.031	3.030	2.903	2.716	-	2.738
2015	1.939	1.938	2.105	1.654	1.604	1.681	2.225	2.224	2.252	1.824	-	1.872
2016	1.661	1.660	1.701	1.392	1.354	1.410	1.935	1.934	1.839	1.552	-	1.586
2017	1.903	1.902	1.957	1.625	1.622	1.647	2.202	2.200	2.090	1.791	-	1.826
2018	2.225	2.222	2.359	1.907	1.923	1.937	2.565	2.563	2.498	2.098	-	2.143
2019	2.160	2.155	2.379	1.776	1.705	1.810	2.543	2.540	2.548	1.978	-	2.033
2020												
January	2.069	2.062	2.211	1.662	1.627	1.695	2.446	2.442	2.431	1.862	-	1.918
February	1.975	1.969	2.180	1.584	1.530	1.620	2.368	2.363	2.392	1.787	-	1.849
March	1.764	1.760	1.817	1.028	1.077	1.077	2.212	2.205	1.984	1.216	-	1.279
April	1.385	1.380	1.234	0.563	0.551	0.599	1.840	1.829	1.437	0.771	-	0.820
May	1.504	1.501	1.430	0.983	0.786	1.001	1.869	1.863	1.661	1.173	-	1.209
June	1.677	1.673	1.700	1.242	1.077	1.262	2.038	2.033	1.901	1.434	-	1.468
July	1.709	1.708	1.775	1.305	1.198	1.330	2.092	2.087	1.989	1.496	-	1.530
August	1.713	1.711	1.825	1.311	1.197	1.338	2.111	2.106	2.043	1.503	-	1.545
September	1.700	1.698	1.798	1.276	1.192	1.304	2.111	2.106	2.007	1.466	-	1.507
October	1.668	1.666	1.748	1.237	1.190	1.266	2.088	2.083	1.986	1.416	-	1.461
November	1.630	1.629	1.747	1.212	1.134	1.240	2.049	2.044	1.938	1.389	-	1.441
2020	1.733	1.730	1.804	1.252	1.193	1.282	2.128	2.123	2.017	1.434	-	1.482
2021												
January	1.887	1.884	1.978	1.505	1.503	1.531	2.275	2.271	2.183	1.679	-	1.727
February	2.104	2.102	2.181	1.713	1.668	1.739	2.488	2.481	2.382	1.892	-	1.938
March	2.343	2.341	2.463	1.934	1.889	1.963	2.748	2.742	2.663	2.142	-	2.188
April	2.390	2.389	2.558	1.970	1.934	2.003	2.801	2.795	2.785	2.179	-	2.232
May	2.569	2.566	2.702	2.092	2.077	2.128	2.981	2.972	2.894	2.303	-	2.353
June	2.884	2.868	2.769	2.162	2.097	2.198	3.197	3.171	2.960	2.399	-	2.448
July	2.985	2.969	2.844	2.246	2.203	2.281	3.313	3.295	3.044	2.496	-	2.543
August	3.026	3.008	2.873	2.206	2.208	2.247	3.367	3.348	3.072	2.447	-	2.502
September	3.021	3.003	2.825	R2.225	2.141	R2.259	R3.387	R3.365	3.014	2.447	-	R2.502
October	3.081	3.061	3.000	2.411	2.367	2.445	3.457	3.435	3.177	2.597	-	2.657

See footnotes at end of table.

Table 6. U.S. refiner motor gasoline prices by grade and sales type (cont.)

dollars per gallon excluding taxes

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.873	0.865	0.787	0.640	0.556	0.695	0.744	0.738	0.693	0.567	0.509	0.599
1995	0.897	0.890	0.822	0.673	0.583	0.722	0.771	0.765	0.729	0.598	0.540	0.626
1996	0.979	0.972	0.897	0.762	0.669	0.803	0.853	0.847	0.809	0.690	0.627	0.713
1997	0.979	0.973	0.895	0.749	0.658	0.792	0.844	0.839	0.803	0.674	0.620	0.70
1998	0.811	0.805	0.726	0.573	0.489	0.617	0.678	0.673	0.636	0.50	0.454	0.526
1999	0.912	0.906	0.851	0.687	0.585	0.726	0.785	0.781	0.765	0.621	0.549	0.645
2000	1.250	1.242	1.174	1.017	0.927	1.055	1.111	1.106	1.074	0.940	0.879	0.963
2001	1.181	1.175	1.112	0.936	0.830	0.980	1.035	1.032	1.009	0.862	0.791	0.886
2002	1.094	1.088	1.030	0.899	0.80	0.928	0.949	0.947	0.922	0.816	0.741	0.828
2003	1.312	1.305	1.269	1.064	0.955	1.113	1.160	1.156	1.164	0.978	0.893	1.002
2004	1.603	1.596	1.553	1.361	1.274	1.408	1.439	1.435	1.442	1.270	1.187	1.288
2005	2	1.992	1.901	1.760	1.696	1.789	1.833	1.829	1.791	1.664	1.576	1.670
2006	2.326	2.320	2.231	2.093	1.988	2.117	2.131	2.128	2.110	1.959	1.873	1.969
2007	2.558	2.552	2.460	2.339	2.209	2.357	2.349	2.345	2.311	2.180	2.080	2.182
2008	2.971	2.965	2.846	2.718	2.689	2.746	2.778	2.775	2.726	2.572	2.532	2.586
2009	2.128	2.122	2.059	1.941	1.816	1.958	1.892	1.888	1.899	1.761	1.675	1.767
2010	2.543	2.536	2.446	2.334	2.187	2.346	2.306	2.301	2.293	2.162	2.078	2.165
2011	3.291	3.283	3.139	3.047	2.873	3.049	3.058	3.050	2.990	2.864	2.769	2.867
2012	3.413	3.400	3.273	3.149	3.102	3.163	3.168	3.154	3.117	2.916	2.861	2.929
2013	3.320	3.307	3.108	3.076	3.010	3.075	3.068	3.049	2.942	2.801	2.774	2.812
2014	3.152	3.138	2.941	2.878	2.783	2.880	2.876	2.855	2.800	2.606	2.548	2.618
2015	2.392	2.386	2.312	2.035	1.845	2.061	2.006	2.003	2.148	1.696	1.627	1.726
2016	2.134	2.132	1.939	1.757	1.535	1.767	1.731	1.730	1.754	1.434	1.374	1.454
2017	2.416	2.413	2.204	1.973	1.825	1.997	1.978	1.976	2.013	1.665	1.644	1.689
2018	2.790	2.784	2.605	2.256	2.105	2.293	2.306	2.303	2.413	1.947	1.942	1.980
2019	2.785	2.772	2.652	2.147	1.967	2.202	2.251	2.245	2.439	1.818	1.737	1.858
2020												
January	2.698	2.682	2.518	2.026	1.887	2.081	2.157	2.150	2.279	1.704	1.662	1.743
February	2.625	2.608	2.480	1.950	1.814	2.013	2.067	2.060	2.246	1.626	1.563	1.669
March	2.455	2.450	2.092	1.403	1.236	1.476	1.867	1.862	1.878	1.072	1.100	1.127
April	2.093	2.089	1.505	0.894	0.683	0.949	1.496	1.490	1.297	0.602	0.579	0.645
May	2.118	2.115	1.737	1.322	1.028	1.359	1.602	1.598	1.503	1.027	0.816	1.049
June	2.277	2.276	1.996	1.585	1.277	1.614	1.772	1.768	1.770	1.286	1.117	1.311
July	2.335	2.334	2.081	1.652	1.336	1.692	1.808	1.806	1.849	1.351	1.221	1.380
August	2.355	2.354	2.140	1.652	1.341	1.700	1.816	1.814	1.901	1.356	1.216	1.389
September	2.355	2.354	2.105	1.607	1.309	1.653	1.806	1.804	1.873	1.320	1.216	1.354
October	2.336	2.334	2.052	1.552	1.242	1.596	1.775	1.773	1.823	1.278	1.203	1.312
November	2.302	2.300	2.051	1.528	1.189	1.567	1.738	1.736	1.824	1.253	1.148	1.287
2020	2.373	2.369	2.098	1.589	1.316	1.636	1.832	1.829	1.874	1.294	1.214	1.330
2021												
January	2.531	2.530	2.298	1.807	1.551	1.851	1.988	1.986	2.059	1.543	1.515	1.575
February	2.747	2.745	2.505	2.026	1.803	2.075	2.204	2.201	2.262	1.752	1.694	1.784
March	2.998	2.996	2.788	2.276	2.051	2.331	2.445	2.442	2.543	1.976	1.914	2.011
April	3.055	3.054	2.895	2.320	2.095	2.378	2.495	2.493	2.641	2.015	1.967	2.055
May	3.235	3.232	3.037	2.452	2.203	2.510	2.687	2.683	2.782	2.138	2.101	2.181
June	3.410	3.403	3.115	2.537	2.289	2.598	3.017	3.000	2.849	2.210	2.126	2.252
July	3.531	3.526	3.192	2.638	2.377	2.695	3.121	3.105	2.925	2.296	2.232	2.337
August	3.584	3.578	3.207	2.594	2.420	2.664	3.165	3.146	2.951	2.255	2.239	2.302
September	R3.565	R3.559	3.153	2.584	R2.323	R2.643	3.162	3.143	2.902	2.269	R2.176	2.310
October	3.630	3.623	3.331	2.758	2.513	2.821	3.221	3.201	3.078	2.453	2.390	2.495

NA = Not available.

- = No data reported.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales. - Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent. - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 7. U.S. refiner motor gasoline volumes by grade and sales type

million gallons per day

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	34.3	35.9	47.7	120.3	24.3	192.3	8.5	8.7	12.8	15.7	0.2	28.7
1995	34.3	35.9	43.8	126.2	31.8	201.8	9.6	9.8	13.3	17.2	0.1	30.6
1996	37.2	38.9	46.5	131.9	35.2	213.6	9.5	9.8	12.9	16.6	NA	29.5
1997	40.5	42.4	46.2	135.7	33.9	215.8	9.7	10.0	12.1	16.3	NA	28.4
1998	41.7	43.2	44.4	138.9	37.1	220.3	10.1	10.3	11.1	16.3	NA	27.4
1999	41.6	43.0	45.6	147.5	34.5	227.6	9.9	10.1	10.5	16.1	NA	26.6
2000	43.6	45.0	47.5	159.3	32.4	239.3	8.6	8.7	8.8	14.2	-	23.0
2001	45.0	46.3	47.2	163.2	33.0	243.5	8.3	8.4	7.8	13.3	-	21.1
2002	46.2	47.4	46.9	163.0	39.2	249.2	8.3	8.5	7.4	13.4	-	20.8
2003	47.3	48.6	43.5	171.4	40.1	255.0	7.8	7.9	5.5	13.1	-	18.6
2004	44.5	45.8	41.1	182.1	42.2	265.4	6.4	6.5	4.4	12.7	-	17.0
2005	46.4	47.5	37.5	189.8	45.8	273.2	5.9	6.0	3.2	13.5	-	16.7
2006	48.2	49.4	34.8	196.0	40.8	271.7	5.5	5.5	2.4	11.7	-	14.1
2007	47.0	47.8	34.0	195.7	46.8	276.6	5.0	5.0	2.0	11.7	-	13.7
2008	45.6	46.6	32.5	192.7	43.7	268.8	4.1	4.2	1.5	11.0	-	12.5
2009	40.5	42.2	32.4	196.8	39.3	268.5	3.5	3.5	1.3	10.2	-	11.5
2010	36.6	38.1	29.0	202.2	41.4	272.5	3.0	3.1	0.9	9.9	-	10.8
2011	32.1	33.5	24.9	204.9	30.5	260.2	2.5	2.5	0.7	8.5	-	9.2
2012	23.6	25.2	22.4	209.3	25.8	257.5	1.9	1.9	0.6	8.3	-	8.9
2013	19.3	20.9	22.7	209.2	22.3	254.2	1.6	1.6	0.6	6.7	-	7.2
2014	16.7	18.2	18.9	216.9	18.9	254.8	1.4	1.4	0.4	3.1	-	3.5
2015	20.8	21.1	18.0	224.2	19.6	261.8	1.7	1.8	0.3	2.7	-	3.1
2016	20.8	21.0	17.9	228.0	19.0	264.9	1.8	1.8	0.3	2.5	-	2.8
2017	20.0	20.2	17.2	230.5	15.6	263.4	1.7	1.7	0.3	2.1	-	2.4
2018	19.9	20.1	17.0	232.6	18.1	267.7	1.6	1.7	0.2	1.8	-	2.1
2019	19.8	20.1	16.7	234.2	13.1	264.0	1.6	1.6	0.2	1.6	-	1.8
2020												
January	18.6	19.0	15.8	219.5	11.8	247.2	1.5	1.5	0.1	1.3	-	1.5
February	19.0	19.4	16.4	225.9	11.1	253.4	1.5	1.5	0.2	1.3	-	1.5
March	15.2	15.3	13.0	196.2	9.3	218.6	1.2	1.3	0.1	1.3	-	1.4
April	10.0	10.1	8.9	148.9	5.4	163.2	0.9	0.9	0.1	1.0	-	1.1
May	12.5	12.7	11.6	179.7	8.4	199.7	1.1	1.1	0.1	1.3	-	1.4
June	15.4	15.5	13.2	211.0	8.3	232.4	1.3	1.4	0.1	1.5	-	1.6
July	16.6	16.7	13.6	216.5	5.6	235.6	1.4	1.5	0.1	1.6	-	1.7
August	16.6	16.8	14.0	217.3	6.6	237.8	1.5	1.5	0.1	1.5	-	1.7
September	16.5	16.6	13.8	214.3	6.0	234.0	1.5	1.5	0.1	1.4	-	1.5
October	16.7	16.8	13.7	214.2	5.6	233.4	1.5	1.5	0.1	1.3	-	1.4
November	15.3	15.5	12.7	203.0	7.1	222.8	1.4	1.4	0.1	1.2	-	1.3
2020	15.6	15.8	13.2	204.2	7.5	224.9	1.3	1.4	0.1	1.3	-	1.4
2021												
January	14.6	14.7	11.7	195.7	4.8	212.3	1.3	1.3	0.1	1.0	-	1.2
February	14.9	15.1	12.4	197.4	6.6	216.4	1.3	1.4	0.1	1.1	-	1.2
March	16.3	16.4	13.3	216.3	5.9	235.6	1.4	1.4	0.1	1.2	-	1.3
April	16.9	17.0	14.0	223.6	6.3	243.8	1.5	1.5	0.1	1.3	-	1.4
May	9.6	9.7	15.2	233.2	7.4	255.8	0.9	1.0	0.1	1.5	-	1.6
June	3.4	3.5	16.6	244.8	8.2	269.6	0.5	0.5	0.1	1.5	-	1.7
July	3.3	3.5	16.7	245.3	7.7	269.7	0.5	0.5	0.2	1.6	-	1.7
August	3.3	3.4	16.1	244.7	6.0	266.8	0.5	0.5	0.1	1.5	-	1.7
September	3.2	3.4	16.0	R239.7	7.1	R262.7	0.5	0.5	0.1	R1.3	-	1.5
October	3.2	3.3	15.5	234.9	6.7	257.1	0.4	0.5	0.1	1.2	-	1.3

See footnotes at end of table.

Table 7. U.S. refiner motor gasoline volumes by grade and sales type (cont.)

million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	10.0	10.3	22.6	29.9	3.2	55.7	52.8	55.0	83.1	165.9	27.7	276.7
1995	9.8	10.2	20.8	31.5	4.2	56.4	53.7	55.9	77.9	174.8	36.0	288.8
1996	8.4	8.8	18.2	28.3	4.1	50.5	55.1	57.5	77.5	176.8	39.3	293.6
1997	8.4	8.8	16.9	27.6	4.0	48.5	58.7	61.1	75.1	179.6	38.0	292.7
1998	9.6	9.9	17.4	30.9	4.3	52.7	61.4	63.3	73.0	186.1	41.4	300.4
1999	8.7	8.9	16.1	31.0	5.7	52.7	60.2	62.0	72.2	194.6	40.2	306.9
2000	6.9	7.1	13.0	24.4	4.7	42.1	59.1	60.9	69.4	197.9	37.1	304.4
2001	7.1	7.3	12.3	24.6	3.7	40.6	60.4	62.0	67.4	201.1	36.7	305.2
2002	7.5	7.8	12.5	25.2	4.1	41.8	62.1	63.6	66.9	201.7	43.3	311.8
2003	7.1	7.3	10.8	23.9	3.3	38.1	62.2	63.8	59.8	208.4	43.4	311.6
2004	5.9	6.1	9.4	22.3	2.3	34.0	56.9	58.4	54.8	217.1	44.5	316.4
2005	5.2	5.4	8.0	20.9	3.0	31.9	57.5	59.0	48.7	224.2	48.9	321.8
2006	4.9	5.1	7.1	20.3	2.4	29.7	58.6	60.0	44.3	228.0	43.2	315.6
2007	4.7	4.8	6.9	20.2	2.4	29.5	56.7	57.7	43.0	227.6	49.2	319.8
2008	4.2	4.3	5.9	17.1	1.9	25.0	53.9	55.1	39.9	220.8	45.7	306.4
2009	4.0	4.1	6.3	19.1	2.1	27.4	48.0	49.8	39.9	226.1	41.4	307.4
2010	3.4	3.5	5.7	20.9	2.1	28.7	43.1	44.7	35.7	232.9	43.5	312.0
2011	2.9	3.0	4.6	20.3	2.0	26.9	37.5	39.0	30.1	233.7	32.5	296.3
2012	2.5	2.6	4.2	21.6	2.6	28.4	28.0	29.7	27.2	239.2	28.4	294.7
2013	2.2	2.3	4.3	22.7	2.6	29.6	23.0	24.7	27.6	238.6	24.8	291.0
2014	1.9	2.0	4.2	24.4	2.3	30.9	19.9	21.6	23.5	244.5	21.2	289.2
2015	2.6	2.6	4.5	27.3	2.0	33.8	25.1	25.5	22.9	254.2	21.6	298.7
2016	2.7	2.7	5.0	28.8	2.4	36.1	25.3	25.6	23.2	259.3	21.3	303.8
2017	2.5	2.6	4.9	29.0	1.9	35.7	24.2	24.5	22.4	261.6	17.5	301.5
2018	2.4	2.5	4.7	28.8	2.0	35.6	23.9	24.3	22.0	263.3	20.1	305.4
2019	2.5	2.5	4.6	29.7	1.8	36.1	23.8	24.2	21.4	265.6	14.9	301.9
2020												
January	2.3	2.3	4.4	27.9	1.8	34.1	22.4	22.8	20.3	248.8	13.7	282.8
February	2.3	2.4	4.6	29.0	1.5	35.0	22.9	23.3	21.1	256.3	12.6	290.0
March	1.9	1.9	3.7	25.7	1.6	30.9	18.3	18.5	16.8	223.2	10.9	250.9
April	1.4	1.4	2.6	19.7	1.5	23.8	12.2	12.4	11.6	169.7	6.8	188.1
May	1.8	1.8	3.6	25.6	1.2	30.4	15.5	15.6	15.3	206.5	9.6	231.4
June	2.2	2.2	4.1	30.3	2.0	36.4	18.9	19.1	17.4	242.8	10.3	270.5
July	2.3	2.4	4.2	31.7	1.1	37.1	20.4	20.6	17.9	249.7	6.7	274.4
August	2.4	2.4	4.4	32.2	1.0	37.6	20.5	20.6	18.6	251.0	7.6	277.2
September	2.4	2.4	4.4	31.8	1.5	37.7	20.3	20.5	18.2	247.5	7.6	273.3
October	2.4	2.4	4.4	31.0	1.9	37.3	20.5	20.7	18.2	246.5	7.5	272.1
November	2.2	2.2	4.2	29.5	2.3	36.0	18.9	19.0	17.0	233.6	9.4	260.0
2020	2.1	2.2	4.0	28.6	1.6	34.2	19.1	19.3	17.4	234.1	9.1	260.5
2021												
January	2.0	2.1	3.9	27.5	1.7	33.1	17.9	18.1	15.7	224.3	6.5	246.5
February	2.0	2.1	4.1	27.7	1.5	33.3	18.3	18.5	16.6	226.2	8.1	251.0
March	2.2	2.2	4.3	29.5	1.1	34.9	19.9	20.1	17.7	247.1	7.0	271.8
April	2.3	2.3	4.5	32.0	1.6	38.1	20.7	20.8	18.6	256.8	7.9	283.4
May	1.6	1.6	4.7	33.8	1.8	40.3	12.1	12.2	20.1	268.4	9.2	297.7
June	0.9	0.9	5.0	34.7	1.5	41.1	4.8	4.9	21.7	281.0	9.7	312.4
July	0.9	0.9	5.0	34.7	1.5	41.2	4.7	4.8	21.8	281.6	9.2	312.6
August	0.9	0.9	4.9	34.3	1.0	40.2	4.7	4.8	21.2	280.5	7.0	308.7
September	0.9	0.9	4.9	R33.3	R1.7	R39.8	4.6	4.7	21.0	R274.2	R8.8	R304.0
October	0.8	0.8	4.7	32.1	1.3	38.1	4.4	4.6	20.4	268.1	8.0	296.5

NA = Not available.

- = No data reported.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. - Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 8. U.S. refiner conventional motor gasoline prices by grade and sales type

dollars per gallon excluding taxes

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.687	0.681	0.636	0.545	0.50	0.558	0.784	0.778	0.694	NA	NA	0.627
1995	0.710	0.704	0.651	0.570	0.525	0.573	0.80	0.794	0.711	0.610	NA	0.637
1996	0.797	0.791	0.743	0.665	0.607	0.664	0.884	0.878	0.801	0.70	NA	0.726
1997	0.781	0.775	0.719	0.649	0.60	0.648	0.874	0.869	0.783	0.685	W	0.708
1998	0.611	0.606	0.551	0.473	0.439	0.473	0.704	0.70	0.613	0.511	W	0.533
1999	0.710	0.706	0.676	0.595	0.520	0.590	0.802	0.799	0.734	0.628	-	0.650
2000	1.045	1.040	0.994	0.913	0.844	0.909	1.136	1.133	1.052	0.945	-	0.964
2001	0.961	0.958	0.914	0.835	0.761	0.830	1.058	1.055	0.984	0.872	-	0.889
2002	0.893	0.891	0.836	0.791	0.723	0.782	0.985	0.981	0.906	0.829	-	0.839
2003	1.081	1.078	1.040	0.952	0.871	0.942	1.173	1.168	1.108	0.994	-	1.006
2004	1.368	1.364	1.325	1.244	1.170	1.234	1.454	1.450	1.391	1.287	-	1.296
2005	1.780	1.776	1.709	1.643	1.555	1.629	1.861	1.857	1.781	1.675	-	1.682
2006	2.062	2.060	2.054	1.925	1.864	1.918	2.166	2.164	2.134	1.972	-	1.980
2007	2.292	2.289	2.242	2.153	2.065	2.138	2.392	2.390	2.298	2.222	-	2.225
2008	2.717	2.714	2.698	2.560	2.513	2.555	2.829	2.829	2.734	2.581	-	2.586
2009	1.825	1.821	1.817	1.735	1.657	1.723	1.936	1.936	1.877	1.751	-	1.755
2010	2.244	2.239	2.244	2.139	2.065	2.128	2.361	2.361	2.336	2.160	-	2.164
2011	2.998	2.989	2.916	2.834	2.751	2.825	3.105	3.104	3.033	2.869	-	2.872
2012	3.076	3.060	2.999	2.867	2.816	2.864	3.202	3.202	3.117	2.886	-	2.890
2013	2.975	2.954	2.797	2.745	2.724	2.745	3.110	3.110	2.947	2.850	-	2.852
2014	2.775	2.753	2.706	2.558	2.502	2.556	2.932	2.931	2.858	2.703	-	2.711
2015	1.833	1.833	1.858	1.625	1.575	1.625	2.033	2.032	2.090	1.794	-	1.809
2016	1.591	1.591	1.497	1.375	1.332	1.374	1.811	1.811	1.681	1.541	-	1.549
2017	1.829	1.829	1.780	1.607	1.602	1.610	2.082	2.080	1.954	1.781	-	1.791
2018	2.123	2.122	2.167	1.885	1.903	1.892	2.401	2.399	2.378	2.087	-	2.104
2019	2.021	2.017	2.061	1.740	1.656	1.741	2.298	2.296	2.295	1.945	-	1.960
2020												
January	1.951	1.946	1.886	1.629	W	1.632	2.235	2.229	W	W	-	1.841
February	1.839	1.835	1.879	1.550	W	1.552	2.124	2.118	W	1.749	-	1.765
March	1.610	1.606	1.511	1.000	W	1.014	1.921	1.913	W	1.190	-	1.208
April	1.226	1.221	0.930	0.530	W	0.535	1.558	1.543	1.221	0.756	-	0.768
May	1.386	1.383	1.189	0.952	W	0.944	1.659	1.651	1.467	1.155	-	1.163
June	1.570	1.567	1.467	1.219	1.017	1.214	1.850	1.843	1.727	1.428	-	1.436
July	1.602	1.601	1.558	1.279	W	1.281	1.910	1.904	W	1.492	-	1.500
August	1.590	1.589	1.571	1.286	W	1.287	1.899	1.893	W	1.496	-	1.504
September	1.574	1.573	1.530	1.258	W	1.260	1.893	1.886	W	1.464	-	1.473
October	1.539	1.539	1.471	1.218	W	1.221	1.860	1.854	W	1.408	-	1.419
November	1.495	1.495	1.498	1.188	W	1.191	1.797	1.791	1.794	1.374	-	1.391
2020	1.604	1.603	1.536	1.223	1.173	1.227	1.900	1.893	1.820	1.414	-	1.427
2021												
January	1.771	1.769	1.703	1.480	W	1.485	2.065	2.059	W	1.662	-	1.676
February	1.985	1.983	1.889	1.691	W	1.693	2.269	2.258	W	1.875	-	1.886
March	2.217	2.215	2.169	1.915	W	1.918	2.528	2.519	W	2.132	-	2.144
April	2.250	2.251	2.255	1.949	W	1.953	2.559	2.550	W	2.169	-	2.186
May	2.398	2.397	2.383	2.064	W	2.070	2.704	2.688	W	2.293	-	2.308
June	2.679	2.664	2.448	2.134	W	2.140	2.991	2.919	W	2.396	-	2.410
July	2.790	2.774	2.572	2.227	W	2.234	3.145	3.095	W	2.509	-	2.524
August	2.812	2.794	2.650	2.184	W	2.194	3.175	3.118	W	2.455	-	2.476
September	2.792	2.775	2.546	R2.206	W	2.210	R3.199	R3.128	W	R2.449	-	2.469
October	2.829	2.811	2.658	2.380	W	2.384	3.221	3.153	W	2.578	-	2.596

See footnotes at end of table.

Table 8. U.S. refiner conventional motor gasoline prices by grade and sales type (cont.)

dollars per gallon excluding taxes

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.863	0.855	0.778	0.638	0.555	0.682	0.736	0.729	0.683	0.565	0.507	0.589
1995	0.877	0.868	0.790	0.665	0.568	0.684	0.753	0.746	0.693	0.590	0.530	0.598
1996	0.960	0.951	0.869	0.755	0.645	0.767	0.834	0.827	0.778	0.682	0.610	0.685
1997	0.954	0.946	0.856	0.742	0.641	0.753	0.819	0.813	0.756	0.666	0.604	0.668
1998	0.783	0.776	0.684	W	0.474	0.576	0.652	0.647	0.589	0.491	0.442	0.494
1999	0.872	0.865	0.801	0.679	0.558	0.681	0.748	0.743	0.711	0.611	0.525	0.609
2000	1.211	1.201	1.120	1.002	0.897	1.005	1.076	1.071	1.023	0.926	0.849	0.925
2001	1.129	1.123	1.042	0.922	0.806	0.923	0.992	0.989	0.943	0.848	0.765	0.845
2002	1.064	1.058	0.978	0.889	0.788	0.886	0.924	0.921	0.867	0.806	0.729	0.798
2003	1.253	1.245	1.178	1.051	0.925	1.050	1.109	1.105	1.067	0.965	0.874	0.957
2004	1.544	1.534	1.466	1.347	1.248	1.348	1.391	1.387	1.348	1.257	1.174	1.247
2005	1.966	1.954	1.857	1.747	1.652	1.746	1.801	1.797	1.732	1.654	1.560	1.641
2006	2.274	2.265	2.215	2.070	1.981	2.071	2.084	2.082	2.077	1.940	1.869	1.933
2007	2.502	2.494	2.415	2.328	2.181	2.317	2.313	2.309	2.267	2.172	2.070	2.156
2008	2.928	2.921	2.851	2.726	2.650	2.726	2.736	2.733	2.716	2.573	2.518	2.568
2009	2.062	2.054	2.014	1.927	1.802	1.918	1.845	1.841	1.843	1.750	1.664	1.738
2010	2.489	2.478	2.443	2.329	2.172	2.318	2.264	2.259	2.270	2.155	2.069	2.143
2011	3.230	3.219	3.105	3.035	2.864	3.018	3.016	3.008	2.939	2.851	2.758	2.841
2012	3.316	3.299	3.194	3.116	3.094	3.116	3.098	3.083	3.024	2.887	2.843	2.886
2013	3.231	3.213	3.011	3.059	3.004	3.049	2.997	2.977	2.825	2.775	2.755	2.774
2014	3.063	3.043	2.901	2.885	2.794	2.875	2.800	2.778	2.736	2.589	2.535	2.587
2015	2.216	2.210	2.085	2.016	1.812	1.999	1.869	1.869	1.899	1.663	1.599	1.663
2016	2.042	2.037	1.709	1.758	1.510	1.731	1.635	1.634	1.536	1.414	1.353	1.411
2017	2.338	2.331	2.002	1.973	1.792	1.961	1.876	1.876	1.821	1.643	1.622	1.646
2018	2.676	2.663	2.413	2.260	2.066	2.249	2.173	2.171	2.213	1.922	1.919	1.928
2019	2.584	2.565	2.324	2.117	1.896	2.110	2.072	2.068	2.109	1.778	1.684	1.779
2020												
January	2.528	2.504	2.138	1.988	1.826	1.982	2.001	1.995	1.934	1.665	W	1.668
February	2.421	2.399	2.146	W	1.741	1.916	1.890	1.886	1.930	1.587	W	1.590
March	2.223	2.216	1.768	W	1.179	1.388	1.667	1.663	1.560	1.041	W	1.054
April	1.857	1.850	W	0.869	0.648	0.858	1.291	1.286	0.971	0.567	0.538	0.572
May	1.964	1.960	W	1.299	0.949	1.285	1.446	1.443	1.240	0.992	0.749	0.984
June	2.143	2.142	1.733	1.577	1.229	1.555	1.629	1.626	1.523	1.260	1.059	1.256
July	2.208	2.207	1.813	W	1.334	1.635	1.665	1.664	1.612	1.322	W	1.324
August	2.194	2.193	1.829	W	1.337	1.637	1.654	1.653	1.625	1.328	W	1.329
September	2.185	2.183	1.789	W	1.307	1.598	1.638	1.637	1.584	1.298	W	1.301
October	2.158	2.156	1.730	W	1.264	1.542	1.603	1.602	1.524	1.255	W	1.259
November	2.103	2.101	W	1.515	1.229	1.503	1.556	1.555	1.554	1.224	1.159	1.228
2020	2.193	2.188	1.787	1.570	1.288	1.560	1.663	1.661	1.587	1.262	1.192	1.265
2021												
January	2.368	2.366	1.965	W	1.545	1.774	1.830	1.828	1.758	1.515	W	1.519
February	2.570	2.567	2.161	W	1.799	1.999	2.041	2.039	1.946	1.726	W	1.728
March	2.825	2.823	2.467	W	2.051	2.267	2.276	2.274	2.228	1.953	W	1.957
April	2.858	2.857	2.578	W	2.089	2.306	2.311	2.311	2.320	1.990	W	1.995
May	3.021	3.016	2.699	W	2.196	2.423	2.464	2.462	2.445	2.106	W	2.112
June	W	W	2.768	W	2.310	2.518	2.766	2.745	2.508	2.178	W	2.184
July	W	W	2.914	W	2.452	2.643	2.878	2.859	2.634	2.274	W	2.282
August	W	W	2.987	W	2.415	2.604	2.900	2.878	2.713	2.230	W	2.241
September	W	W	2.840	W	R2.308	R2.570	2.879	R2.859	2.602	2.246	W	2.251
October	W	W	2.935	W	2.505	2.721	2.908	2.887	2.710	2.416	W	2.421

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent. Sales to end users - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 9. U.S. refiner conventional motor gasoline volumes by grade and sales type

million gallons per day

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	29.7	31.2	36.1	113.5	22.8	172.4	7.6	7.8	10.1	14.6	0.1	24.8
1995	24.0	25.3	19.4	105.1	26.0	150.5	6.0	6.3	5.1	13.6	0.1	18.7
1996	24.1	25.4	17.8	108.5	27.1	153.4	5.7	5.9	4.4	12.9	NA	17.3
1997	25.0	26.4	16.4	110.9	26.4	153.7	5.7	5.9	3.9	12.7	W	16.6
1998	25.4	26.6	13.7	112.0	28.8	154.5	6.0	6.1	3.4	12.5	W	15.8
1999	25.0	26.0	13.4	117.4	24.9	155.8	5.9	6.0	3.1	12.2	-	15.3
2000	26.0	27.1	12.8	125.7	23.9	162.4	4.9	5.0	2.3	10.8	-	13.1
2001	26.6	27.4	12.0	128.5	24.0	164.5	4.6	4.7	1.9	10.2	-	12.0
2002	27.2	28.0	11.3	127.9	31.0	170.2	4.7	4.8	1.6	10.4	-	11.9
2003	27.5	28.3	10.3	131.1	32.4	173.8	4.3	4.4	1.2	10.0	-	11.2
2004	26.5	27.3	9.7	136.7	36.1	182.5	3.5	3.6	0.9	9.8	-	10.8
2005	27.4	28.3	9.0	140.1	36.4	185.5	3.1	3.2	0.7	10.8	-	11.5
2006	28.9	29.8	7.3	143.7	37.4	188.4	2.9	2.9	0.5	9.3	-	9.7
2007	29.6	30.2	7.4	150.3	43.0	200.7	2.6	2.6	0.5	10.3	-	10.8
2008	28.9	29.8	7.1	144.5	39.5	191.1	2.1	2.2	0.4	9.9	-	10.3
2009	26.5	27.8	6.6	147.0	35.9	189.5	1.9	1.9	0.3	9.1	-	9.4
2010	24.9	26.2	5.9	147.6	37.1	190.7	1.7	1.7	0.2	8.7	-	8.9
2011	21.3	22.4	5.4	147.3	26.3	179.0	1.3	1.3	0.1	7.4	-	7.5
2012	14.4	15.7	5.0	149.0	21.7	175.8	0.9	0.9	0.1	7.2	-	7.4
2013	11.6	13.0	6.2	149.9	18.8	174.9	0.7	0.7	0.1	5.7	-	5.8
2014	11.1	12.5	4.3	154.9	16.8	176.0	0.6	0.6	0.1	2.1	-	2.3
2015	14.0	14.3	3.9	160.7	16.8	181.4	0.8	0.8	0.1	1.9	-	2.0
2016	14.1	14.3	4.1	163.4	15.8	183.3	0.9	0.9	0.1	1.7	-	1.8
2017	13.3	13.5	3.9	165.5	13.0	182.4	0.8	0.8	0.1	1.5	-	1.6
2018	13.0	13.3	3.5	166.9	15.2	185.6	0.7	0.8	0.1	1.3	-	1.4
2019	13.1	13.4	3.4	168.8	10.7	183.0	0.7	0.7	0.1	1.2	-	1.3
2020												
January	12.3	12.6	3.1	W	W	171.6	0.7	0.7	W	W	-	1.1
February	12.6	12.9	W	163.1	W	175.4	0.7	0.7	W	W	-	1.1
March	10.2	10.4	W	144.8	W	155.0	0.6	0.6	W	W	-	1.1
April	6.9	7.0	W	111.8	W	117.4	0.4	0.4	0.0	0.8	-	0.9
May	8.6	8.8	W	134.0	W	143.6	0.5	0.5	0.0	1.0	-	1.0
June	10.5	10.6	2.7	157.1	6.9	166.7	0.6	0.7	0.0	1.2	-	1.2
July	11.3	11.4	W	160.8	W	168.7	0.7	0.7	W	W	-	1.3
August	11.2	11.3	W	160.0	W	168.9	0.7	0.7	W	W	-	1.2
September	11.1	11.2	W	158.3	W	166.6	0.7	0.7	W	W	-	1.1
October	11.3	11.4	W	158.0	W	165.6	0.7	0.7	W	W	-	1.0
November	10.3	10.4	W	149.3	W	157.2	0.6	0.6	0.0	0.9	-	1.0
2020	10.5	10.7	2.7	150.5	6.3	159.5	0.6	0.6	0.0	1.0	-	1.1
2021												
January	9.8	9.9	W	144.0	W	150.7	0.6	0.6	W	W	-	0.9
February	10.0	10.1	W	145.8	W	153.9	0.6	0.6	W	W	-	0.9
March	10.9	11.0	W	159.4	W	167.2	0.6	0.7	W	W	-	1.0
April	11.3	11.4	W	164.8	W	173.4	0.7	0.7	W	W	-	1.1
May	6.1	6.2	W	171.6	W	180.9	0.4	0.4	W	W	-	1.2
June	W	W	W	180.4	W	190.0	W	W	W	W	-	1.3
July	W	W	W	181.2	W	190.5	W	W	W	W	-	1.3
August	W	W	W	180.1	W	187.5	W	W	W	W	-	1.3
September	W	W	W	R176.7	W	R185.1	W	W	W	W	-	1.1
October	W	W	W	172.3	W	180.8	W	W	W	W	-	0.9

See footnotes at end of table.

Table 9. U.S. refiner conventional motor gasoline volumes by grade and sales type (cont.)

million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	8.5	8.9	16.5	28.0	2.8	47.2	45.8	47.9	62.7	156.0	25.8	244.5
1995	6.2	6.4	7.7	25.1	2.9	35.6	36.2	38.0	32.1	143.8	28.9	204.8
1996	4.9	5.1	5.8	22.5	2.5	30.8	34.7	36.5	28.1	143.8	29.6	201.5
1997	4.8	5.0	5.1	21.9	2.5	29.5	35.4	37.2	25.4	145.6	28.9	199.8
1998	5.5	5.7	4.7	W	2.7	31.9	36.9	38.5	21.8	148.9	31.5	202.2
1999	5.0	5.2	4.3	24.1	3.8	32.2	35.9	37.2	20.8	153.7	28.7	203.3
2000	3.7	3.9	3.1	18.6	2.8	24.5	34.7	35.9	18.2	155.1	26.7	200.0
2001	3.7	3.8	2.8	18.7	2.7	24.1	35.0	36.0	16.7	157.4	26.7	200.7
2002	3.8	4.0	2.6	19.1	3.0	24.7	35.8	36.8	15.5	157.4	34.0	206.9
2003	3.4	3.5	2.1	17.5	2.4	21.9	35.1	36.3	13.6	158.6	34.8	207.0
2004	2.6	2.8	1.6	15.8	1.7	19.2	32.6	33.7	12.3	162.3	37.8	212.4
2005	2.3	2.4	1.4	14.4	1.9	17.7	32.8	33.8	11.0	165.4	38.2	214.6
2006	2.1	2.2	1.1	13.9	1.7	16.6	33.9	35.0	8.8	166.8	39.1	214.7
2007	2.1	2.2	1.1	14.4	2.0	17.4	34.3	35.0	9.0	175.0	44.9	228.9
2008	1.8	1.9	0.9	11.7	1.5	14.2	32.9	33.9	8.4	166.2	41.0	215.6
2009	1.7	1.8	0.9	12.9	1.8	15.6	30.0	31.5	7.8	169.0	37.7	214.5
2010	1.5	1.6	0.8	13.5	1.7	15.9	28.2	29.5	6.9	169.8	38.8	215.5
2011	1.2	1.3	0.7	12.6	1.8	15.1	23.8	25.1	6.2	167.3	28.1	201.6
2012	1.0	1.1	0.7	13.2	2.4	16.2	16.3	17.7	5.8	169.5	24.1	199.4
2013	0.8	0.9	0.8	14.0	2.4	17.2	13.1	14.5	7.1	169.6	21.2	197.9
2014	0.7	0.8	0.7	15.1	2.1	17.9	12.5	14.0	5.1	172.1	18.9	196.2
2015	1.1	1.1	0.7	16.8	1.8	19.4	15.9	16.2	4.8	179.4	18.6	202.8
2016	1.1	1.2	0.8	17.7	2.1	20.6	16.1	16.4	5.0	182.8	17.9	205.7
2017	1.0	1.0	0.8	17.8	1.5	20.0	15.1	15.3	4.8	184.7	14.5	204.0
2018	1.0	1.0	0.7	17.8	1.7	20.2	14.7	15.0	4.4	185.9	16.9	207.2
2019	1.0	1.0	0.7	18.4	1.4	20.5	14.8	15.1	4.2	188.4	12.1	204.7
2020												
January	0.9	0.9	0.7	17.1	1.4	19.3	13.8	14.1	W	176.7	W	191.9
February	0.9	1.0	0.7	W	W	19.5	14.2	14.6	W	181.9	W	196.0
March	0.8	0.8	0.6	W	W	18.1	11.6	11.8	W	162.1	W	174.1
April	0.6	0.6	W	13.1	W	14.8	7.9	8.0	2.1	125.7	5.2	133.0
May	0.8	0.8	W	16.9	W	18.4	10.0	10.1	2.9	152.0	8.2	163.0
June	0.9	1.0	0.7	19.8	1.7	22.1	12.1	12.2	3.4	178.0	8.6	190.0
July	1.0	1.0	0.7	W	W	22.3	13.0	13.1	W	182.6	W	192.3
August	1.0	1.0	0.8	W	W	22.3	12.8	13.0	W	181.8	W	192.4
September	1.0	1.0	0.7	W	W	22.2	12.7	12.9	W	179.5	W	189.9
October	1.0	1.0	0.7	W	W	21.3	12.9	13.0	W	178.7	W	188.0
November	0.9	0.9	W	18.5	W	20.5	11.7	11.9	3.2	168.7	6.8	178.6
2020	0.9	0.9	0.6	18.2	1.2	20.1	12.0	12.2	3.4	169.7	7.5	180.6
2021												
January	0.8	0.8	0.6	W	W	19.6	11.2	11.3	W	162.3	W	171.2
February	0.8	0.8	0.6	W	W	19.6	11.5	11.6	W	164.1	W	174.4
March	0.9	0.9	0.7	W	W	20.2	12.4	12.6	W	178.9	W	188.4
April	0.9	1.0	0.7	W	W	22.4	12.9	13.1	W	186.1	W	196.9
May	0.6	0.6	0.8	W	W	24.0	7.1	7.2	W	194.3	W	206.1
June	W	W	0.9	W	W	24.2	W	W	W	203.7	W	215.5
July	W	W	0.9	W	W	24.2	W	W	W	204.7	W	216.1
August	W	W	0.8	W	W	23.4	W	W	W	203.1	W	212.2
September	W	W	0.8	W	W	R23.2	W	W	W	R198.5	W	R209.3
October	W	W	0.8	W	W	21.7	W	W	W	193.0	W	203.5

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. Sales to end users Year month Sales for resale - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding. - The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 10. U.S. refiner reformulated motor gasoline prices by grade and sales type

dollars per gallon excluding taxes

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.764	0.758	0.720	0.569	0.543	0.638	0.879	0.873	0.770	0.628	W	0.728
1995	0.749	0.744	0.707	0.605	0.573	0.650	0.836	0.833	0.753	0.651	-	0.723
1996	0.834	0.830	0.788	0.698	0.677	0.738	0.924	0.921	0.837	0.741	W	0.809
1997	0.830	0.828	0.787	0.682	0.668	0.731	0.928	0.925	0.840	0.725	W	0.807
1998	0.668	0.665	0.616	0.509	0.484	0.557	0.769	0.767	0.673	0.553	W	0.638
1999	0.804	0.80	0.752	0.642	0.601	0.686	0.895	0.892	0.807	0.676	NA	0.767
2000	1.126	1.123	1.058	0.978	0.953	1.012	1.219	1.217	1.114	1.014	-	1.085
2001	1.059	1.056	1.001	0.893	0.856	0.938	1.166	1.163	1.061	0.942	-	1.027
2002	0.946	0.944	0.906	0.834	0.779	0.861	1.052	1.050	0.988	0.875	-	0.958
2003	1.196	1.192	1.168	1.006	0.962	1.069	1.293	1.290	1.224	1.047	-	1.165
2004	1.472	1.470	1.447	1.299	1.248	1.353	1.572	1.570	1.494	1.340	-	1.436
2005	1.850	1.848	1.787	1.682	1.619	1.711	1.945	1.944	1.834	1.726	-	1.789
2006	2.166	2.164	2.097	2.002	1.885	2.030	2.275	2.274	2.170	2.078	-	2.129
2007	2.362	2.360	2.288	2.186	2.175	2.221	2.490	2.489	2.368	2.256	-	2.316
2008	2.812	2.810	2.703	2.553	2.642	2.607	2.934	2.934	2.788	2.652	-	2.721
2009	1.927	1.925	1.878	1.770	1.782	1.806	2.066	2.066	1.981	1.855	-	1.914
2010	2.342	2.339	2.265	2.159	2.141	2.188	2.485	2.485	2.362	2.229	-	2.280
2011	3.089	3.085	2.973	2.874	2.831	2.895	3.233	3.233	3.062	2.954	-	2.990
2012	3.219	3.212	3.111	2.956	2.947	2.988	3.372	3.372	3.213	3.047	-	3.098
2013	3.110	3.101	2.948	2.830	2.869	2.856	3.268	3.268	3.066	2.939	-	2.979
2014	2.946	2.938	2.784	2.614	2.663	2.647	3.111	3.111	2.920	2.746	-	2.788
2015	2.159	2.158	2.174	1.728	1.775	1.807	2.404	2.404	2.321	1.892	-	1.989
2016	1.808	1.807	1.762	1.433	1.462	1.490	2.047	2.047	1.913	1.579	-	1.655
2017	2.048	2.047	2.009	1.672	1.717	1.729	2.303	2.303	2.164	1.815	-	1.891
2018	2.417	2.416	2.409	1.964	2.029	2.039	2.699	2.699	2.562	2.126	-	2.224
2019	2.433	2.428	2.462	1.869	1.925	1.967	2.744	2.744	2.657	2.071	-	2.200
2020												
January	2.296	2.289	2.291	1.746	W	1.839	2.616	2.616	W	W	-	2.108
February	2.241	2.234	2.254	1.671	W	1.771	2.569	2.569	W	1.907	-	2.053
March	2.086	2.084	1.895	1.105	W	1.231	2.466	2.466	W	1.318	-	1.494
April	1.731	1.728	1.306	0.661	W	0.763	2.102	2.102	1.519	0.840	-	1.005
May	1.766	1.764	1.491	1.077	W	1.147	2.060	2.060	1.732	1.246	-	1.358
June	1.906	1.904	1.759	1.309	1.382	1.383	2.207	2.207	1.967	1.454	-	1.560
July	1.936	1.934	1.832	1.380	W	1.452	2.254	2.254	W	1.510	-	1.617
August	1.964	1.962	1.894	1.382	W	1.463	2.295	2.295	W	1.530	-	1.662
September	1.959	1.957	1.870	1.328	W	1.414	2.299	2.299	W	1.472	-	1.604
October	1.933	1.931	1.819	1.290	W	1.374	2.284	2.284	W	1.449	-	1.584
November	1.902	1.900	1.808	1.282	W	1.359	2.255	2.255	2.008	1.442	-	1.579
2020	1.997	1.994	1.872	1.332	1.292	1.418	2.325	2.325	2.095	1.506	-	1.641
2021												
January	2.123	2.121	2.050	1.573	W	1.645	2.451	2.451	W	1.746	-	1.882
February	2.348	2.346	2.253	1.777	W	1.852	2.672	2.672	W	1.957	-	2.095
March	2.601	2.598	2.540	1.988	W	2.072	2.930	2.930	W	2.183	-	2.329
April	2.673	2.672	2.639	2.031	W	2.125	3.006	3.006	W	2.219	-	2.380
May	2.869	2.867	2.793	2.169	W	2.268	3.166	3.166	W	2.340	-	2.492
June	W	W	2.875	2.240	W	2.336	W	W	W	2.410	-	2.562
July	W	W	2.936	2.299	W	2.395	W	W	W	2.449	-	2.600
August	W	W	2.939	2.268	W	2.371	W	W	W	2.418	-	2.576
September	W	W	2.906	R2.278	W	R2.376	W	W	W	R2.440	-	R2.589
October	W	W	3.098	2.496	W	2.590	W	W	W	2.662	-	2.821

See footnotes at end of table.

Table 10. U.S. refiner reformulated motor gasoline prices by grade and sales type (cont.)

dollars per gallon excluding taxes

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.966	0.958	0.861	0.677	0.558	0.777	0.831	0.824	0.771	0.599	0.547	0.687
1995	0.929	0.924	0.841	0.704	0.616	0.785	0.808	0.803	0.756	0.632	0.582	0.696
1996	1.002	0.998	0.910	0.791	0.709	0.859	0.882	0.878	0.828	0.720	0.682	0.774
1997	1.005	1.003	0.910	0.775	0.686	0.853	0.876	0.874	0.825	0.703	0.671	0.767
1998	0.847	0.845	0.741	W	0.516	0.680	0.717	0.714	0.657	0.529	0.489	0.593
1999	0.966	0.963	0.870	0.717	0.639	0.798	0.845	0.841	0.788	0.658	0.608	0.718
2000	1.297	1.291	1.189	1.064	0.972	1.125	1.164	1.160	1.092	0.993	0.957	1.039
2001	1.239	1.234	1.133	0.983	0.890	1.065	1.10	1.096	1.034	0.909	0.859	0.966
2002	1.124	1.119	1.046	0.930	0.832	0.991	0.987	0.985	0.944	0.851	0.785	0.891
2003	1.366	1.362	1.292	1.099	1.028	1.201	1.233	1.229	1.197	1.021	0.969	1.097
2004	1.655	1.652	1.574	1.399	1.348	1.489	1.510	1.507	1.474	1.313	1.257	1.378
2005	2.031	2.029	1.912	1.791	1.766	1.847	1.883	1.881	1.812	1.697	1.635	1.733
2006	2.369	2.367	2.239	2.149	2.004	2.183	2.202	2.20	2.125	2.020	1.906	2.055
2007	2.601	2.599	2.468	2.367	2.346	2.415	2.404	2.402	2.322	2.208	2.192	2.250
2008	3.003	3.001	2.845	2.70	2.826	2.772	2.845	2.843	2.728	2.569	2.659	2.629
2009	2.177	2.174	2.067	1.968	1.899	2.011	1.971	1.969	1.913	1.793	1.791	1.834
2010	2.587	2.584	2.446	2.343	2.247	2.380	2.386	2.383	2.299	2.182	2.150	2.215
2011	3.334	3.331	3.145	3.067	2.940	3.090	3.132	3.128	3.003	2.898	2.837	2.921
2012	3.478	3.473	3.288	3.201	3.175	3.225	3.265	3.259	3.143	2.986	2.961	3.020
2013	3.371	3.365	3.132	3.103	3.071	3.110	3.160	3.152	2.982	2.866	2.882	2.892
2014	3.206	3.202	2.949	2.867	2.642	2.886	3.005	2.996	2.818	2.648	2.661	2.682
2015	2.516	2.516	2.357	2.066	2.145	2.144	2.242	2.240	2.214	1.777	1.799	1.860
2016	2.201	2.201	1.986	1.755	1.710	1.816	1.900	1.899	1.814	1.481	1.484	1.543
2017	2.468	2.468	2.243	1.974	1.960	2.043	2.143	2.142	2.064	1.717	1.747	1.781
2018	2.864	2.864	2.641	2.249	2.277	2.351	2.516	2.515	2.463	2.006	2.058	2.090
2019	2.918	2.913	2.715	2.194	2.219	2.323	2.543	2.538	2.520	1.918	1.966	2.026
2020												
January	2.805	2.796	2.589	2.085	2.096	2.211	2.409	2.402	2.359	1.798	W	1.901
February	2.756	2.747	2.542	W	W	2.135	2.357	2.350	2.320	1.722	W	1.833
March	2.618	2.617	2.154	W	W	1.600	2.213	2.211	1.955	1.156	W	1.294
April	2.280	2.280	W	0.944	W	1.098	1.864	1.862	1.370	0.704	0.706	0.819
May	2.237	2.237	W	1.367	W	1.472	1.884	1.883	1.566	1.124	1.184	1.205
June	2.380	2.379	2.048	1.601	1.530	1.706	2.023	2.021	1.830	1.357	1.411	1.441
July	2.429	2.429	2.137	W	W	1.777	2.057	2.056	1.909	1.429	W	1.511
August	2.473	2.472	2.205	W	W	1.792	2.090	2.089	1.973	1.430	W	1.523
September	2.476	2.475	2.168	W	W	1.731	2.089	2.087	1.946	1.376	W	1.474
October	2.459	2.459	2.112	W	W	1.667	2.066	2.064	1.895	1.336	W	1.430
November	2.433	2.432	W	1.549	1.128	1.652	2.037	2.036	1.885	1.328	1.119	1.415
2020	2.500	2.498	2.157	1.621	1.411	1.745	2.119	2.117	1.943	1.379	1.319	1.477
2021												
January	2.639	2.638	2.359	W	W	1.964	2.252	2.251	2.131	1.617	W	1.703
February	2.863	2.863	2.567	W	W	2.182	2.475	2.473	2.335	1.823	W	1.912
March	3.112	3.112	2.846	W	W	2.421	2.726	2.724	2.619	2.036	W	2.134
April	3.190	3.190	2.952	W	W	2.482	2.800	2.799	2.720	2.081	W	2.191
May	3.353	3.353	3.104	W	W	2.637	2.999	2.998	2.872	2.223	W	2.334
June	W	W	3.191	W	W	2.712	W	W	2.953	2.294	W	2.403
July	W	W	3.254	W	W	2.769	W	W	3.016	2.354	W	2.462
August	W	W	3.250	W	W	2.748	W	W	3.017	2.320	W	2.438
September	W	W	3.214	W	W	R2.743	W	W	2.983	R2.330	W	R2.441
October	W	W	3.406	W	W	2.953	W	W	3.175	2.548	W	2.655

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 11. U.S. refiner reformulated motor gasoline volumes by grade and sales type

million gallons per day

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	0.6	0.6	2.1	1.6	0.6	4.3	0.2	0.2	0.7	0.3	W	1.0
1995	7.8	8.1	20.7	W	W	43.3	3.0	3.1	7.4	3.1	-	10.5
1996	10.7	11.1	26.1	20.5	8.0	54.6	3.3	3.4	7.9	3.3	W	11.3
1997	13.4	13.8	28.0	21.7	7.6	57.3	3.6	3.7	7.9	3.1	W	11.0
1998	14.3	14.5	28.6	23.0	8.3	59.9	3.7	3.8	7.4	3.1	W	10.5
1999	14.5	14.8	29.8	26.1	9.6	65.5	3.6	3.7	7.0	3.1	NA	10.2
2000	15.5	15.9	32.1	29.1	8.5	69.6	3.3	3.4	6.2	2.6	-	8.8
2001	16.3	16.7	32.7	30.0	9.0	71.7	3.3	3.3	5.7	2.2	-	7.9
2002	16.9	17.2	33.1	30.4	8.2	71.7	3.3	3.3	5.6	2.1	-	7.6
2003	17.7	18.0	30.9	35.1	7.6	73.6	3.1	3.1	4.1	2.0	-	6.1
2004	16.2	16.5	29.5	39.7	6.1	75.3	2.6	2.6	3.3	2.0	-	5.2
2005	17.1	17.4	27.5	43.5	9.5	80.4	2.6	2.6	2.5	1.8	-	4.2
2006	17.7	18.0	26.8	45.7	3.4	75.9	2.5	2.5	1.9	1.5	-	3.4
2007	17.4	17.6	26.7	45.4	3.8	75.9	2.4	2.4	1.6	1.3	-	2.9
2008	16.6	16.9	25.4	48.1	4.2	77.7	2.0	2.0	1.1	1.1	-	2.2
2009	14.0	14.3	25.8	49.8	3.4	79.0	1.7	1.7	1.0	1.1	-	2.1
2010	11.7	11.9	23.1	54.5	4.2	81.9	1.3	1.3	0.7	1.2	-	1.9
2011	10.8	11.1	19.5	57.6	4.2	81.3	1.2	1.2	0.5	1.1	-	1.6
2012	9.2	9.5	17.4	60.3	4.0	81.7	1.0	1.0	0.5	1.0	-	1.5
2013	7.6	7.9	16.5	59.3	3.5	79.3	0.9	0.9	0.4	1.0	-	1.4
2014	5.5	5.7	14.6	62.0	2.1	78.8	0.7	0.7	0.3	0.9	-	1.2
2015	6.8	6.8	14.1	63.5	2.8	80.3	0.9	0.9	0.2	0.8	-	1.1
2016	6.7	6.7	13.9	64.6	3.1	81.6	0.9	0.9	0.2	0.8	-	1.0
2017	6.7	6.8	13.4	65.0	2.6	81.0	0.9	0.9	0.2	0.6	-	0.8
2018	6.9	6.9	13.5	65.7	2.9	82.1	0.9	0.9	0.2	0.5	-	0.7
2019	6.7	6.8	13.2	65.4	2.4	81.0	0.9	0.9	0.1	0.4	-	0.5
2020												
January	6.4	6.4	12.7	W	W	75.6	0.8	0.8	W	W	-	0.4
February	6.4	6.5	W	62.8	W	78.0	0.8	0.8	W	W	-	0.4
March	4.9	4.9	W	51.4	W	63.6	0.7	0.7	W	W	-	0.3
April	3.2	3.2	W	37.2	W	45.8	0.4	0.4	0.1	0.2	-	0.2
May	3.9	3.9	W	45.6	W	56.1	0.6	0.6	0.1	0.2	-	0.3
June	4.9	4.9	10.5	53.9	1.4	65.8	0.7	0.7	0.1	0.3	-	0.4
July	5.3	5.4	W	55.7	W	66.9	0.8	0.8	W	W	-	0.4
August	5.5	5.5	W	57.3	W	69.0	0.8	0.8	W	W	-	0.4
September	5.4	5.4	W	56.0	W	67.5	0.8	0.8	W	W	-	0.4
October	5.4	5.5	W	56.1	W	67.8	0.8	0.8	W	W	-	0.4
November	5.1	5.1	W	53.6	W	65.6	0.7	0.7	0.1	0.3	-	0.3
2020	5.1	5.1	10.5	53.7	1.2	65.4	0.7	0.7	0.1	0.3	-	0.4
2021												
January	4.8	4.8	W	51.7	W	61.5	0.7	0.7	W	W	-	0.3
February	4.9	4.9	W	51.7	W	62.5	0.7	0.7	W	W	-	0.3
March	5.4	5.4	W	57.0	W	68.4	0.8	0.8	W	W	-	0.3
April	5.6	5.6	W	58.8	W	70.4	0.8	0.8	W	W	-	0.3
May	3.5	3.5	W	61.6	W	74.8	0.6	0.6	W	W	-	0.4
June	W	W	W	64.4	W	79.6	W	W	W	W	-	0.4
July	W	W	W	64.1	W	79.1	W	W	W	W	-	0.4
August	W	W	W	64.6	W	79.3	W	W	W	W	-	0.4
September	W	W	W	R63.0	W	R77.7	W	W	W	W	-	0.4
October	W	W	W	62.6	W	76.3	W	W	W	W	-	0.4

See footnotes at end of table.

Table 11. U.S. refiner reformulated motor gasoline volumes by grade and sales type (cont.)

million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	0.2	0.2	1.2	0.5	0.2	1.9	1.0	1.0	4.0	2.4	0.8	7.2
1995	3.1	3.2	12.0	W	W	18.9	14.0	14.4	40.1	25.9	6.6	72.6
1996	3.1	3.2	11.7	5.3	1.5	18.6	17.0	17.6	45.7	29.2	9.6	84.5
1997	3.4	3.5	11.5	5.3	1.5	18.2	20.3	21.0	47.4	30.1	9.1	86.6
1998	3.8	3.9	12.2	W	1.6	19.8	21.8	22.2	48.2	32.0	9.9	90.1
1999	3.4	3.5	11.4	6.3	1.9	19.6	21.5	22.0	48.2	35.6	11.5	95.2
2000	3.0	3.1	9.6	5.4	1.9	16.8	21.9	22.4	47.9	37.0	10.4	95.2
2001	3.2	3.2	9.2	5.4	1.1	15.7	22.7	23.3	47.7	37.6	10.0	95.3
2002	3.4	3.5	9.5	5.6	1.1	16.3	23.6	24.1	48.2	38.0	9.3	95.6
2003	3.5	3.6	8.5	5.9	1.0	15.3	24.2	24.7	43.5	43.0	8.6	95.1
2004	3.1	3.1	7.4	6.0	0.6	14.1	21.9	22.3	40.2	47.7	6.7	94.6
2005	2.8	2.8	6.5	6.0	1.2	13.6	22.6	22.9	36.4	51.2	10.6	98.3
2006	2.7	2.7	5.9	5.9	0.7	12.5	22.9	23.2	34.6	53.1	4.1	91.8
2007	2.6	2.7	5.8	5.9	0.4	12.1	22.4	22.7	34.0	52.6	4.3	90.9
2008	2.4	2.4	5.0	5.4	0.4	10.8	21.0	21.3	31.5	54.6	4.6	90.8
2009	2.3	2.3	5.3	6.1	0.3	11.8	17.9	18.3	32.1	57.1	3.7	92.9
2010	1.9	1.9	4.9	7.4	0.4	12.7	14.9	15.2	28.8	63.1	4.7	96.5
2011	1.7	1.7	3.9	7.7	0.2	11.8	13.7	13.9	23.9	66.4	4.4	94.7
2012	1.5	1.5	3.5	8.4	0.3	12.1	11.7	12.0	21.4	69.7	4.3	95.4
2013	1.4	1.4	3.5	8.7	0.2	12.4	9.9	10.2	20.5	69.0	3.7	93.1
2014	1.2	1.2	3.5	9.4	0.2	13.0	7.5	7.7	18.4	72.3	2.3	93.0
2015	1.5	1.5	3.8	10.4	0.2	14.4	9.2	9.2	18.1	74.7	3.0	95.8
2016	1.6	1.6	4.1	11.1	0.3	15.5	9.2	9.2	18.2	76.5	3.4	98.1
2017	1.5	1.5	4.1	11.2	0.4	15.7	9.2	9.2	17.6	76.9	3.0	97.5
2018	1.5	1.5	4.0	11.1	0.4	15.5	9.3	9.3	17.6	77.3	3.3	98.2
2019	1.5	1.5	3.9	11.4	0.4	15.6	9.1	9.1	17.2	77.2	2.8	97.2
2020												
January	1.4	1.4	3.7	10.8	0.4	14.9	8.6	8.7	W	72.1	W	90.9
February	1.4	1.4	3.9	W	W	15.5	8.7	8.8	W	74.4	W	94.0
March	1.1	1.1	3.1	W	W	12.8	6.7	6.7	W	61.1	W	76.8
April	0.8	0.8	W	6.6	W	9.1	4.4	4.4	9.5	44.0	1.7	55.1
May	1.0	1.0	W	8.7	W	12.0	5.5	5.5	12.3	54.6	1.5	68.4
June	1.2	1.2	3.4	10.6	0.3	14.3	6.8	6.9	14.0	64.8	1.7	80.5
July	1.3	1.3	3.5	W	W	14.8	7.4	7.5	W	67.1	W	82.1
August	1.4	1.4	3.6	W	W	15.3	7.6	7.6	W	69.2	W	84.7
September	1.4	1.4	3.6	W	W	15.5	7.6	7.6	W	68.0	W	83.4
October	1.4	1.4	3.7	W	W	16.0	7.6	7.7	W	67.8	W	84.1
November	1.3	1.3	W	11.0	W	15.5	7.2	7.2	13.8	64.9	2.7	81.4
2020	1.3	1.3	3.4	10.4	0.4	14.1	7.1	7.1	14.0	64.4	1.6	79.9
2021												
January	1.2	1.2	3.3	W	W	13.4	6.7	6.8	W	62.0	W	75.3
February	1.2	1.2	3.5	W	W	13.7	6.9	6.9	W	62.1	W	76.6
March	1.3	1.3	3.6	W	W	14.7	7.5	7.5	W	68.2	W	83.3
April	1.4	1.4	3.8	W	W	15.7	7.8	7.8	W	70.8	W	86.4
May	1.0	1.0	3.9	W	W	16.3	5.0	5.1	W	74.1	W	91.5
June	W	W	4.1	W	W	16.9	W	W	W	77.3	W	96.9
July	W	W	4.1	W	W	17.0	W	W	W	76.9	W	96.5
August	W	W	4.1	W	W	16.8	W	W	W	77.5	W	96.5
September	W	W	4.1	W	W	16.7	W	W	W	R75.7	W	R94.7
October	W	W	4.0	W	W	16.3	W	W	W	75.2	W	93.0

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 16. U.S. refiner residual fuel oil prices

dollars per gallon excluding taxes

Year month	Sulfur less than or equal to 1%		Sulfur greater than 1%		Average	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
1994	0.401	0.345	0.330	0.287	0.352	0.317
1995	0.436	0.383	0.377	0.338	0.392	0.363
1996	0.526	0.456	0.433	0.389	0.455	0.420
1997	0.488	0.415	0.403	0.366	0.423	0.387
1998	0.354	0.299	0.287	0.269	0.305	0.280
1999	0.405	0.382	0.362	0.329	0.374	0.354
2000	0.708	0.627	0.566	0.512	0.602	0.566
2001	0.642	0.523	0.492	0.428	0.531	0.476
2002	0.640	0.546	0.544	0.508	0.569	0.530
2003	0.804	0.728	0.651	0.588	0.698	0.661
2004	0.835	0.764	0.692	0.601	0.739	0.681
2005	1.168	1.115	0.974	0.842	1.048	0.971
2006	1.342	1.202	1.173	1.085	1.218	1.136
2007	1.436	1.406	1.350	1.314	1.374	1.350
2008	2.144	1.918	1.889	1.843	1.964	1.866
2009	1.413	1.337	1.306	1.344	1.341	1.342
2010	1.920	1.756	1.619	1.679	1.713	1.697
2011	2.736	2.389	2.257	2.316	2.401	2.336
2012	3.025	2.548	2.433	2.429	2.592	2.457
2013	2.883	2.363	2.353	2.249	2.482	2.278
2014	2.694	2.153	2.221	1.996	2.325	2.044
2015	1.529	0.971	1.227	0.999	1.285	0.996
2016	1.138	0.736	0.897	0.746	0.945	0.745
2017	W	1.112	1.237	1.117	1.287	1.116
2018	W	1.397	1.587	1.466	1.662	1.463
2019	W	1.649	1.510	1.391	1.584	1.428
2020						
January	W	1.788	1.634	1.526	1.939	1.675
February	W	1.673	1.557	1.336	1.735	1.540
March	W	1.188	1.146	0.993	1.371	1.121
April	W	0.796	0.942	0.639	0.976	0.733
May	W	0.792	0.727	NA	0.817	0.775
June	W	1.018	0.894	1.013	0.949	1.017
July	W	1.153	0.981	1.089	1.071	1.137
August	W	1.189	1.026	1.068	1.224	1.135
September	W	1.098	1.035	1.000	1.200	1.066
October	W	1.078	1.071	0.996	1.151	1.041
November	W	1.164	1.068	1.098	1.145	1.145
2020	W	1.186	1.090	1.066	1.246	1.143
2021						
January	W	1.491	1.344	1.352	1.462	1.432
February	W	1.583	1.469	1.429	1.617	1.518
March	W	1.780	1.590	1.558	1.766	1.683
April	W	1.780	1.556	1.534	1.756	1.686
May	W	1.828	1.552	1.628	1.760	1.736
June	W	1.909	1.608	1.650	1.867	1.783
July	W	1.852	1.721	1.766	1.969	1.818
August	W	1.842	1.666	1.674	1.901	1.776
September	W	1.913	1.748	1.768	1.950	1.845
October	W	2.101	1.877	1.963	2.093	2.050

NA = Not available.

R = Revised data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 17. U.S. refiner residual fuel oil volumes

million gallons per day

Year month	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
1994	4.2	6.6	9.3	6.2	13.5	12.8
1995	2.9	7.7	8.7	5.9	11.6	13.6
1996	3.1	6.3	9.8	7.4	12.9	13.8
1997	3.2	4.8	10.3	6.7	13.4	11.5
1998	3.9	5.7	10.5	9.6	14.4	15.4
1999	3.9	5.3	10.0	6.2	13.9	11.5
2000	3.3	4.9	9.8	5.6	13.1	10.5
2001	3.8	5.2	11.0	5.1	14.8	10.3
2002	2.7	5.1	7.8	3.7	10.4	8.8
2003	3.3	3.5	7.4	3.2	10.7	6.7
2004	3.4	2.9	6.8	3.0	10.2	5.9
2005	4.0	2.2	6.4	2.5	10.4	4.7
2006	2.8	2.8	7.6	3.6	10.4	6.5
2007	3.1	3.2	7.8	5.0	10.9	8.2
2008	2.5	2.9	5.9	6.6	8.4	9.5
2009	2.8	2.9	5.7	6.9	8.5	9.8
2010	2.4	2.6	5.2	8.1	7.6	10.7
2011	1.9	3.4	4.5	8.8	6.4	12.2
2012	1.5	2.1	4.0	6.8	5.5	8.8
2013	1.3	2.3	3.9	6.7	5.2	9.0
2014	1.0	2.4	3.6	5.6	4.6	8.0
2015	0.8	0.9	3.3	7.1	4.0	8.1
2016	0.8	0.8	3.3	7.6	4.2	8.4
2017	W	0.5	W	6.6	4.0	7.1
2018	W	0.4	W	7.2	3.5	7.6
2019	W	1.1	W	6.4	2.6	7.5
2020						
January	W	3.9	W	3.0	1.8	6.9
February	W	4.7	W	3.1	2.4	7.8
March	W	5.1	W	2.7	2.0	7.9
April	W	5.2	W	3.5	2.3	8.7
May	W	3.9	W	1.8	1.6	5.8
June	W	4.4	W	1.3	1.8	5.7
July	W	3.3	W	1.1	2.0	4.4
August	W	2.4	W	1.9	1.7	4.4
September	W	4.0	W	2.0	1.9	6.0
October	W	3.1	W	2.7	2.9	5.8
November	W	3.8	W	1.6	2.0	5.4
2020	W	3.9	W	2.2	2.1	6.1
2021						
January	W	2.8	W	2.1	2.1	4.9
February	W	2.8	W	2.1	2.0	4.9
March	W	3.9	W	3.0	2.1	7.0
April	W	3.0	W	1.9	2.0	4.9
May	W	2.7	W	2.3	1.8	5.1
June	W	3.0	W	2.8	2.2	5.8
July	W	2.5	W	1.6	1.8	4.1
August	W	3.0	W	1.9	2.0	4.9
September	W	2.6	W	2.3	1.8	4.9
October	W	3.6	W	2.1	2.0	5.7

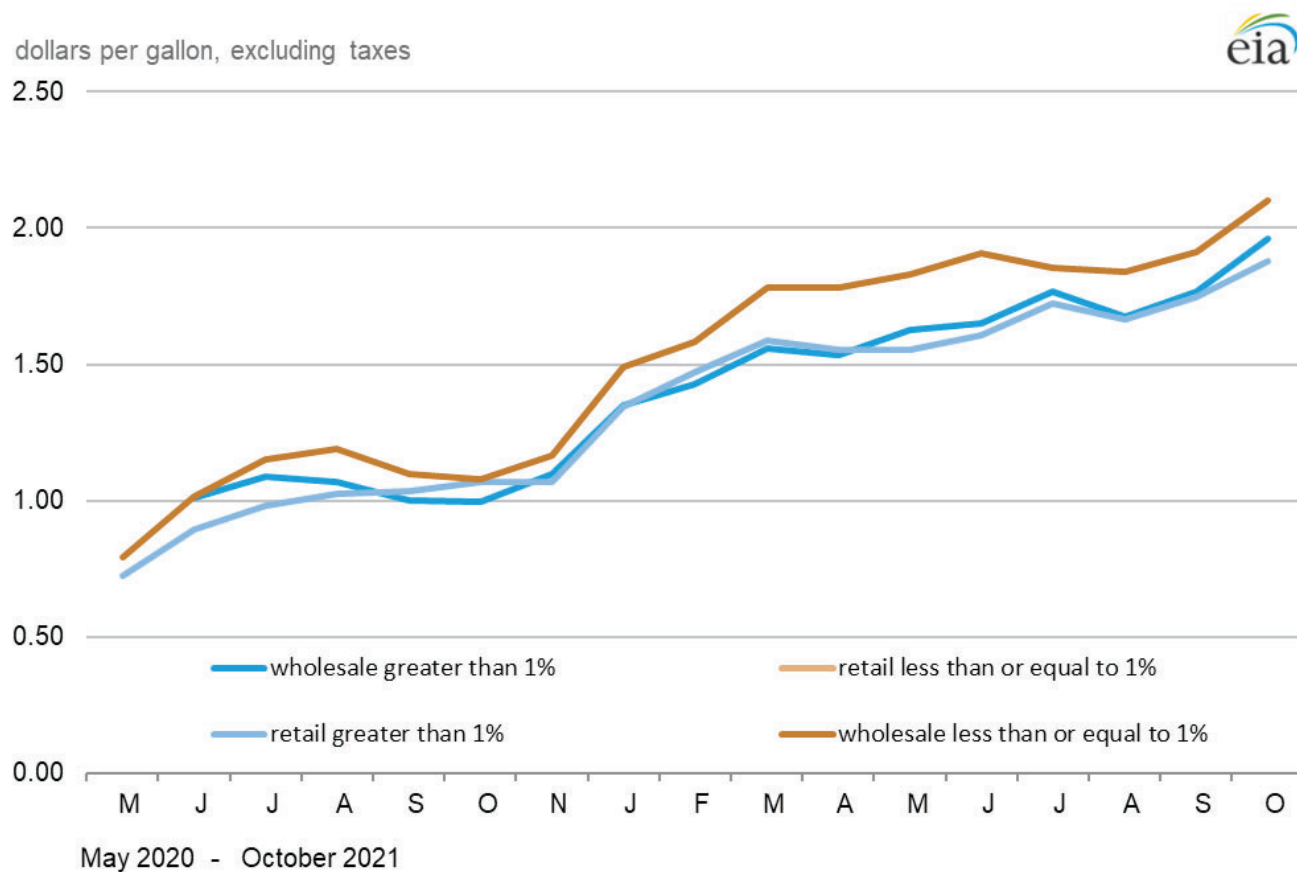
NA = Not available.

R = Revised data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 7. U.S. Refiner residual fuel oil prices



Source: U.S. Energy Information Administration, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Crude Oil Prices

Table 18. Domestic crude oil first purchase prices

dollars per barrel

Year month	U.S. Average		PAD District 1				PAD District 2						
	U.S. Average	Less AK North Slope	Average	NY	PA	WV	Average	IL	IN	KS	KY	MI	NE
1997	17.23	17.92	19.25	18.49	18.79	17.56	18.60	19.11	18.73	18.63	17.97	18.75	18.10
1998	10.87	11.51	13.21	13.66	13.67	11.95	12.29	12.78	12.49	12.19	11.67	12.39	11.50
1999	15.56	16.38	17.36	18.65	18.49	16.46	17.27	17.37	17.31	17.08	16.68	16.63	17.21
2000	26.72	27.48	28.12	28.78	28.80	27.12	28.49	28.14	27.91	28.16	26.47	28.12	27.97
2001	21.84	22.77	23.98	24.19	24.82	22.35	23.95	23.76	23.46	23.56	22.53	22.69	23.67
2002	22.51	23.33	23.94	24.28	24.86	22.55	24.05	23.84	23.43	23.61	22.49	23.68	23.62
2003	27.56	28.47	29.12	28.91	29.60	28.06	29.24	29.10	28.38	28.68	27.21	29.18	28.63
2004	36.77	37.63	39.08	39.40	39.48	38.38	39.40	38.74	38.18	39.18	36.82	39.14	38.42
2005	50.28	51.02	53.84	54.64	54.57	53.75	53.33	51.20	51.02	53.41	49.45	53.67	52.38
2006	59.69	60.22	63.99	63.51	64.02	63.07	60.48	59.70	59.31	60.74	58.33	60.89	57.77
2007	66.52	67.04	69.00	69.46	70.00	67.27	67.16	65.66	65.47	66.85	63.60	66.87	62.78
2008	94.04	94.72	96.60	W	96.76	95.07	92.51	93.48	91.92	92.08	90.87	95.75	87.99
2009	56.35	56.65	56.56	W	56.96	55.77	55.00	55.47	55.65	54.41	55.24	56.39	50.93
2010	74.71	75.04	71.74	W	69.80	70.74	72.45	73.18	72.82	72.43	70.63	74.91	69.65
2011	95.73	95.35	90.77	W	87.16	86.56	89.38	88.73	88.15	88.52	86.00	92.40	85.48
2012	94.52	94.11	91.19	W	88.41	87.16	86.29	88.74	88.62	87.85	87.02	90.91	84.95
2013	95.99	96.00	92.45	W	89.84	91.26	91.64	92.94	93.04	91.85	91.17	96.50	87.44
2014	87.39	87.45	82.20	W	80.07	82.46	85.01	87.66	87.88	86.80	86.61	89.46	82.82
2015	44.39	44.58	37.65	W	38.98	33.72	42.44	43.97	44.51	43.16	45.38	45.38	40.10
2016	38.29	38.64	34.88	W	38.50	31.11	37.62	38.85	38.97	37.87	39.95	43.07	36.22
2017	48.05	48.23	44.96	W	45.93	43.34	47.39	47.02	46.76	45.95	47.33	51.51	44.33
2018	61.40	61.35	59.41	W	59.52	57.30	61.15	61.24	60.98	60.45	61.84	65.51	58.61
2019	55.59	55.48	51.49	W	51.70	49.17	53.24	53.68	53.50	52.58	53.60	56.32	50.50
2020													
January	56.55	56.55	50.01	W	49.82	49.15	54.23	55.74	55.94	53.68	54.12	56.54	51.24
February	49.66	49.75	43.16	W	43.23	42.15	47.03	51.94	53.46	47.66	48.98	49.40	44.16
March	31.01	30.79	23.42	W	23.42	22.45	28.21	27.30	27.13	26.48	26.55	28.07	24.22
April	15.18	15.38	10.34	W	11.07	9.38	12.72	16.22	16.29	14.40	16.64	15.73	11.81
May	18.02	17.83	17.75	W	20.22	16.43	19.08	25.65	24.92	22.80	24.33	27.89	20.50
June	33.81	34.26	25.01	W	31.63	22.52	34.80	35.02	34.78	33.51	34.32	37.55	31.58
July	37.44	37.88	30.10	W	32.47	29.49	36.96	37.39	37.25	36.38	36.07	39.93	34.28
August	39.37	39.61	31.15	W	34.42	30.43	38.14	38.91	38.65	37.89	37.52	41.57	35.92
September	36.82	37.10	28.42	W	30.65	27.12	35.64	36.34	36.18	35.34	35.04	38.83	33.41
October	36.39	36.74	29.37	W	30.68	28.35	35.39	36.16	35.96	35.12	34.78	35.77	32.98
November	38.25	38.53	30.13	W	32.48	28.89	37.34	38.04	37.81	36.99	36.55	40.33	34.81
December	43.92	44.15	36.09	W	38.06	35.02	43.63	43.94	43.72	42.87	42.50	45.89	40.68
2020	36.86	37.05	30.93	W	32.44	29.82	36.06	38.05	38.18	36.29	36.96	39.40	34.39
2021													
January	49.73	49.94	42.24	W	43.48	41.56	48.86	48.58	48.27	47.56	47.06	50.95	45.56
February	56.72	57.06	49.13	W	50.23	48.76	56.04	55.86	55.65	54.95	54.36	57.96	52.69
March	60.67	60.96	53.66	W	54.11	52.78	59.93	59.27	59.13	58.48	57.38	61.47	56.27
April	59.87	60.10	54.00	W	54.25	53.32	58.21	58.30	58.10	57.55	56.50	61.07	55.40
May	62.80	63.04	57.37	W	57.70	56.73	61.21	61.78	61.58	60.90	59.97	65.27	58.80
June	68.57	68.92	64.19	W	64.23	63.87	67.31	68.04	67.72	67.28	65.46	70.33	65.14
July	70.12	70.37	65.09	W	65.79	64.28	68.66	69.43	69.33	68.80	66.75	72.18	66.47
August	65.67	65.88	60.34	W	61.05	59.57	64.41	64.46	64.58	63.86	61.61	67.24	61.65
September	69.08	69.24	64.13	W	64.79	63.42	67.77	68.00	67.86	67.53	65.31	70.80	65.23
October	78.51	78.70	74.02	W	74.43	73.33	76.99	77.65	77.23	77.18	75.05	81.09	75.06

See footnotes at end of table.

Table 18. Domestic crude oil first purchase prices (cont.)

dollars per barrel

Year month	PAD District 2 (cont.)				PAD District 3							Federal Offshore Gulf
	ND	OH	OK	SD	Average	AL	AR	LA	MS	NM	TX	
1997	17.63	17.77	19.05	17.80	18.69	18.58	17.58	19.22	16.94	19.02	18.66	18.63
1998	11.39	12.20	12.73	12.29	12.19	12.08	11.10	12.59	10.33	12.36	12.28	12.03
1999	16.70	16.41	17.77	16.86	17.07	16.71	15.89	17.73	15.42	17.46	17.29	16.66
2000	28.19	27.49	29.08	28.18	28.22	27.63	26.98	29.03	26.23	28.80	28.60	27.59
2001	23.55	22.55	24.68	23.89	23.43	23.18	21.82	24.51	21.13	23.72	23.41	23.29
2002	24.15	22.61	24.49	23.96	23.74	23.39	21.50	24.84	22.11	24.11	23.77	23.49
2003	29.27	28.18	29.72	28.94	29.08	28.97	26.57	30.52	27.46	29.52	29.13	28.72
2004	39.30	38.27	39.95	38.40	38.41	38.79	36.67	40.48	37.03	39.25	38.79	37.07
2005	52.38	53.47	54.46	50.65	51.96	53.26	50.86	54.05	49.58	52.84	52.61	49.78
2006	56.69	62.89	63.11	51.85	61.49	63.16	58.67	64.23	59.35	61.74	61.31	60.80
2007	65.30	68.09	69.31	62.78	68.37	71.10	64.25	71.63	68.65	68.94	68.30	67.40
2008	88.68	96.43	96.15	87.42	97.64	96.71	90.91	100.89	94.60	96.23	96.85	99.10
2009	53.75	56.35	56.56	50.75	57.77	55.25	53.07	59.18	58.29	57.08	57.40	58.22
2010	70.26	73.68	75.18	69.04	76.57	75.54	71.01	78.25	76.41	75.64	76.23	77.06
2011	88.74	90.79	90.94	87.08	96.79	105.99	87.61	106.20	100.43	90.93	91.99	105.65
2012	84.06	92.87	89.97	83.10	96.11	104.81	89.39	105.97	100.80	88.01	92.50	105.95
2013	90.22	94.89	94.25	89.28	97.53	103.10	92.98	105.18	100.44	92.13	95.80	103.29
2014	82.89	83.95	89.25	82.78	88.43	89.73	85.23	94.13	90.81	83.44	87.02	93.33
2015	41.42	38.40	44.96	42.73	45.61	44.55	43.04	48.43	46.81	44.40	44.95	47.67
2016	36.51	37.04	39.51	36.39	39.19	38.53	37.21	41.08	39.18	39.18	39.35	38.63
2017	47.04	46.14	48.41	45.60	48.50	48.34	44.60	50.37	48.06	47.90	48.57	48.46
2018	60.27	60.61	62.95	59.55	61.04	64.93	58.69	66.65	64.39	56.06	59.91	65.97
2019	52.60	52.30	54.60	50.91	55.85	57.73	51.40	59.47	57.65	53.01	55.04	59.46
2020												
January	53.65	51.07	55.78	50.88	57.12	56.23	52.23	59.04	56.07	56.55	57.25	57.03
February	46.18	44.01	48.60	43.81	50.57	49.17	45.05	51.70	49.68	49.44	49.88	53.16
March	28.64	24.30	28.14	23.66	31.77	28.68	24.67	31.15	28.75	29.83	30.34	37.10
April	11.76	12.44	14.28	10.05	15.95	12.59	12.74	16.12	14.14	15.32	14.75	19.62
May	18.03	21.17	19.96	10.31	16.95	18.03	22.15	20.97	20.80	17.24	16.92	16.60
June	35.98	31.29	33.77	33.96	34.04	34.52	32.59	36.55	36.08	33.98	34.90	31.49
July	36.80	33.43	37.87	34.80	38.11	36.19	35.46	39.15	37.76	37.69	38.37	37.54
August	37.66	35.52	39.51	36.11	40.06	38.23	36.80	40.66	39.95	39.95	39.98	40.56
September	35.36	33.12	36.68	33.13	37.56	35.48	34.54	38.50	37.18	37.31	37.09	39.27
October	35.02	33.45	36.62	33.30	37.15	35.15	34.23	37.81	36.70	37.14	36.97	37.94
November	36.98	34.75	38.45	35.17	38.83	36.79	36.16	39.51	39.04	38.68	38.77	39.11
December	43.57	40.66	44.27	40.66	44.23	42.46	41.60	45.35	44.45	44.35	44.64	43.02
2020	35.63	33.36	37.05	32.72	37.31	36.19	35.16	38.91	37.76	36.86	37.17	37.96
2021												
January	48.93	45.39	49.40	45.76	50.20	47.99	45.56	50.68	49.48	49.89	50.41	49.87
February	56.14	52.47	56.58	52.90	57.32	55.29	53.01	58.36	56.60	57.07	57.80	56.39
March	60.19	56.64	60.18	57.08	61.24	59.20	56.62	61.70	60.72	61.45	61.30	60.99
April	57.74	55.91	59.49	56.62	60.53	58.61	55.46	61.24	59.90	60.29	60.36	61.25
May	60.53	59.31	62.72	59.50	63.42	61.61	58.92	64.08	62.70	63.44	63.48	63.27
June	66.53	65.73	69.01	65.71	69.28	67.73	65.27	70.18	68.75	69.57	69.49	68.53
July	67.80	67.18	70.37	67.58	70.80	69.67	66.70	71.50	69.98	71.13	70.78	70.71
August	63.82	62.15	65.91	63.57	66.24	64.05	61.64	66.38	64.48	66.35	66.02	67.01
September	66.98	65.93	69.58	67.07	69.57	67.66	65.05	69.98	68.18	70.06	69.85	67.57
October	75.81	75.61	79.31	76.88	79.06	77.65	74.99	79.91	78.28	79.97	79.79	75.79

See footnotes at end of table.

Table 18. Domestic crude oil first purchase prices (cont.)

dollars per barrel

Year month	PAD District 4					PAD District 5				
	Average	CO	MT	UT	WY	Average	AK North Slope	AK Other	CA	Federal Offshore CA
1997	17.80	19.03	17.00	18.57	17.41	15.06	14.84	17.43	15.78	12.97
1998	11.38	12.56	11.28	12.52	10.70	8.80	8.47	11.55	9.55	6.99
1999	16.79	17.37	16.54	17.69	16.47	13.10	12.46	17.44	14.08	11.78
2000	27.60	28.85	27.82	28.53	26.89	24.16	23.62	28.23	24.82	23.32
2001	22.73	24.82	23.16	24.09	21.55	19.03	18.18	23.30	20.11	18.38
2002	23.01	25.29	22.76	23.87	21.96	20.39	19.37	24.47	21.87	19.03
2003	28.09	30.71	28.66	28.88	26.63	24.97	23.78	28.48	26.43	24.25
2004	37.34	40.38	38.53	39.35	35.10	33.69	33.03	38.76	34.47	32.23
2005	50.65	55.34	52.66	53.98	45.63	47.03	47.05	54.19	47.08	43.48
2006	57.38	63.80	56.69	59.70	53.25	57.03	56.86	64.10	57.34	53.37
2007	62.54	67.04	64.64	62.48	58.34	64.24	63.69	69.60	65.07	59.39
2008	88.23	90.80	89.96	86.58	86.07	90.16	90.10	95.04	90.47	85.68
2009	52.16	52.33	52.96	50.22	52.30	55.23	54.41	W	56.11	53.59
2010	69.72	72.75	70.24	68.09	68.10	73.29	72.33	W	74.51	69.80
2011	85.64	88.26	88.61	82.53	83.45	100.39	98.79	W	102.50	96.01
2012	82.91	85.78	82.98	82.73	80.70	101.33	98.70	W	104.10	97.04
2013	87.16	90.10	88.73	84.79	85.30	99.08	95.79	W	102.53	91.40
2014	80.92	82.48	80.54	79.04	80.54	89.30	86.41	W	92.14	80.55
2015	40.58	40.51	40.38	40.69	40.64	43.58	41.11	W	45.63	37.62
2016	36.68	37.81	35.40	36.92	35.98	35.68	33.13	W	37.96	W
2017	45.94	46.41	44.89	44.24	46.63	47.44	45.21	W	49.54	W
2018	59.05	59.87	58.03	56.85	59.35	65.03	62.21	W	68.12	W
2019	50.72	50.89	50.26	48.32	51.53	59.94	57.55	W	62.98	W
2020										
January	51.01	51.78	49.99	49.02	51.07	59.20	56.49	W	63.03	W
February	43.82	44.04	42.45	44.19	43.74	50.50	48.24	W	53.68	W
March	24.62	23.95	23.69	29.17	24.11	33.21	34.68	W	31.47	W
April	11.19	9.53	9.95	18.69	10.79	15.33	12.29	W	19.50	W
May	15.11	9.96	16.52	21.93	20.46	23.77	20.52	W	27.94	W
June	32.16	30.77	33.91	31.48	33.75	32.08	26.24	-	38.39	W
July	34.90	36.04	33.81	33.89	35.03	35.05	31.07	-	40.37	W
August	36.93	37.99	35.57	37.49	36.45	38.35	35.80	-	41.65	W
September	34.15	35.31	32.85	35.58	33.37	35.25	31.90	-	39.16	W
October	34.43	35.33	32.68	35.32	34.06	34.29	30.82	W	38.77	W
November	36.26	37.16	34.62	36.93	35.96	36.98	34.69	-	40.93	W
December	41.90	42.91	40.21	41.96	41.82	43.44	40.64	-	47.61	W
2020	33.33	31.40	33.21	34.91	34.34	36.65	33.98	W	40.21	W
2021										
January	46.97	47.83	45.03	47.76	46.65	49.10	46.69	-	52.85	W
February	53.49	54.73	52.09	53.06	53.52	55.48	52.37	-	60.28	W
March	57.05	58.09	56.39	56.25	57.21	59.34	56.52	-	63.87	W
April	56.65	56.92	56.76	55.35	57.17	58.92	56.04	-	62.95	W
May	60.01	60.63	59.43	57.84	60.88	61.93	59.16	-	66.26	W
June	65.81	66.83	65.23	63.42	66.70	66.78	63.73	-	71.54	W
July	66.97	67.39	66.45	64.30	68.28	68.60	65.90	-	72.21	W
August	62.65	63.02	62.47	60.11	63.79	64.73	62.24	-	68.08	W
September	66.33	66.93	65.93	62.79	67.93	68.93	66.69	-	72.14	W
October	76.59	77.97	76.10	71.28	78.15	77.84	75.69	-	81.21	W

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - The actual domestic average price represents the average price at the lease (or wellhead) at which domestic crude oil is purchased. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-182, Domestic Crude Oil First Purchase Report.

Table 19. Domestic crude oil first purchase prices for selected crude streams

dollars per barrel

Year month	Alaska North Slope	California Kern River	California Midway-Sunset	Heavy Louisiana Sweet	Louisiana Light Sweet	Mars Blend	West Texas Intermediate	West Texas Sour	Wyoming Sweet
1997	14.84	15.02	14.88	-	-	-	19.27	17.77	-
1998	8.47	8.59	8.48	-	-	-	12.89	11.50	-
1999	12.46	14.02	12.22	-	-	-	17.78	16.66	-
2000	23.62	23.88	23.56	-	-	-	29.16	27.66	-
2001	18.18	19.03	19.50	-	-	-	24.62	22.10	-
2002	19.37	19.80	22.81	-	-	-	24.33	23.23	-
2003	23.78	25.24	26.67	-	-	-	29.60	28.18	30.11
2004	33.03	33.42	33.74	37.78	40.24	34.53	39.55	37.29	39.52
2005	47.05	44.67	45.93	51.61	51.95	46.13	53.90	50.72	53.94
2006	56.86	55.05	54.59	63.41	64.04	57.35	63.16	59.03	60.52
2007	63.69	62.14	61.62	70.00	72.93	63.37	69.59	65.56	64.79
2008	90.10	87.27	86.92	103.96	104.51	93.40	97.39	95.31	89.30
2009	54.41	53.94	53.00	58.61	61.26	57.21	57.27	56.63	51.68
2010	72.33	72.80	72.26	78.16	79.28	75.43	76.63	75.03	70.43
2011	98.79	103.14	100.96	106.74	108.48	105.30	92.18	90.77	87.42
2012	98.70	103.41	103.05	106.77	107.53	105.03	91.36	87.94	84.81
2013	95.79	101.33	101.02	105.73	106.32	100.80	95.26	92.51	90.10
2014	86.41	90.38	89.34	95.53	94.37	92.50	85.90	85.66	82.19
2015	41.11	44.71	43.81	47.83	47.91	46.27	44.58	45.78	41.77
2016	33.13	36.83	36.12	40.37	40.56	36.75	39.20	39.44	37.86
2017	45.21	48.33	48.04	50.27	49.52	46.89	48.50	48.25	47.80
2018	62.21	67.05	66.97	67.54	66.17	64.59	58.11	57.04	60.99
2019	57.55	62.57	61.00	60.92	58.88	58.14	54.14	53.51	52.21
2020									
January	56.49	63.23	60.51	57.87	56.25	55.40	57.39	56.50	52.01
February	48.24	53.93	50.70	53.15	48.50	50.45	50.00	49.17	45.03
March	34.68	31.47	28.50	35.58	31.74	32.24	31.48	29.32	24.97
April	12.29	W	16.53	18.17	15.64	15.13	15.54	14.76	11.07
May	20.52	W	26.82	15.76	19.84	17.35	17.05	15.61	22.08
June	26.24	W	37.47	31.77	36.45	33.21	35.06	36.21	33.96
July	31.07	W	39.89	35.91	38.30	38.37	38.45	38.36	34.98
August	35.80	W	40.60	39.85	40.63	41.31	40.18	40.47	36.53
September	31.90	W	38.12	36.78	37.45	39.28	37.34	37.62	33.66
October	30.82	W	37.93	36.84	37.46	37.89	37.08	37.39	34.35
November	34.69	W	39.95	38.00	39.53	39.69	38.86	39.30	36.36
December	40.64	W	46.76	43.85	44.33	44.66	44.68	45.31	42.32
2020	33.98	40.26	39.04	38.12	38.10	36.89	37.35	37.35	34.95
2021									
January	46.69	W	51.75	52.07	51.03	50.66	50.63	51.00	47.30
February	52.37	W	59.16	59.18	58.35	57.88	58.17	58.57	54.41
March	56.52	W	63.00	63.49	62.13	61.17	61.81	61.83	57.94
April	56.04	W	61.82	63.13	61.46	60.76	60.84	60.31	57.65
May	59.16	W	65.25	65.54	64.46	63.92	63.88	64.00	61.42
June	63.73	W	70.41	71.68	70.51	69.89	69.79	70.18	67.46
July	65.90	W	70.97	72.91	71.79	70.90	71.50	71.21	69.17
August	62.24	W	66.75	68.30	66.28	65.45	66.80	66.63	64.70
September	66.69	W	71.01	70.57	70.47	67.54	70.36	70.09	68.76
October	75.69	W	80.13	78.78	80.29	78.62	80.08	80.17	78.74

- = No data reported.

R = Revised data.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration, Form EIA-182, Domestic Crude Oil First Purchase Report.

Table 20. Domestic crude oil first purchase prices by API gravity

dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 or greater
1997	15.44	16.27	14.87	18.38	18.62	19.26
1998	9.22	9.62	8.50	12.03	12.17	12.80
1999	14.00	15.30	12.50	16.92	17.18	17.64
2000	24.42	25.64	23.64	28.10	28.36	29.09
2001	19.53	19.59	18.18	23.31	23.99	24.43
2002	21.08	20.80	19.39	23.62	23.94	24.26
2003	25.82	25.56	23.80	28.77	29.21	29.66
2004	33.38	35.02	33.21	37.24	39.33	39.97
2005	45.01	46.33	47.09	50.81	53.14	54.06
2006	54.96	57.89	56.18	60.78	61.83	61.86
2007	62.00	64.94	62.83	67.14	69.29	69.17
2008	87.10	91.01	89.55	98.41	96.69	94.95
2009	54.05	55.66	54.30	57.66	56.93	56.66
2010	72.40	75.04	71.78	76.22	76.03	74.48
2011	101.30	103.07	97.12	99.65	94.54	91.87
2012	102.79	101.56	96.64	98.48	93.12	91.01
2013	99.40	100.70	94.13	99.11	96.24	94.76
2014	87.83	91.05	85.48	90.95	86.56	86.12
2015	43.88	45.71	40.73	46.82	44.67	43.65
2016	36.87	38.52	32.94	38.95	39.33	38.25
2017	48.74	49.77	45.08	48.40	48.64	48.44
2018	67.45	67.25	61.83	62.35	58.97	61.59
2019	62.43	62.03	57.27	57.20	54.35	55.12
2020						
January	62.86	61.73	56.16	56.29	57.08	56.25
February	53.45	52.84	47.92	50.78	49.70	48.82
March	31.20	31.18	34.22	32.28	31.03	28.50
April	19.11	18.77	12.23	15.93	15.41	13.69
May	27.48	27.74	20.53	16.66	17.66	18.24
June	37.99	38.53	26.44	33.97	35.16	35.43
July	39.84	39.61	31.16	37.83	38.31	37.95
August	41.36	41.53	35.80	40.75	40.04	39.46
September	38.78	38.94	31.88	38.37	37.20	36.79
October	38.42	38.59	30.86	37.57	36.99	36.67
November	40.46	40.71	34.68	39.20	38.80	38.53
December	47.14	47.21	40.61	44.60	44.62	44.60
2020	40.03	40.15	33.93	37.44	37.34	36.74
2021						
January	52.30	52.09	46.61	51.02	50.50	49.91
February	59.63	60.06	52.29	58.29	57.99	56.97
March	63.21	63.47	56.45	62.13	61.66	60.91
April	62.20	62.85	55.96	61.18	60.72	59.42
May	65.45	65.92	59.10	64.21	63.81	62.43
June	70.80	71.51	63.67	70.23	69.73	68.53
July	71.83	72.24	65.80	71.41	71.41	69.90
August	67.54	68.06	62.13	66.51	66.71	65.45
September	71.73	71.92	66.56	69.26	70.32	68.93
October	80.85	81.01	75.61	78.93	80.02	78.40

R = Revised data.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration, Form EIA-182, Domestic Crude Oil First Purchase Report.

Table 21. F.O.B.[a] costs of imported crude oil by selected country

dollars per barrel

Year month	Selected countries							Persian Gulf[b]	Total OPEC[c]	Non OPEC
	Angola	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela			
1997	18.81	18.85	16.72	19.43	15.16	18.59	15.33	15.24	16.26	17.51
1998	12.11	12.56	10.49	12.97	8.87	12.52	9.31	9.09	10.20	11.21
1999	17.46	17.20	15.89	17.32	17.65	19.14	14.33	17.15	15.90	16.84
2000	27.90	29.04	25.39	28.70	24.62	27.21	24.45	24.72	25.56	26.77
2001	23.25	24.25	18.89	24.85	18.98	23.30	18.01	18.89	19.73	21.04
2002	24.09	24.64	21.60	25.38	23.92	24.50	20.13	23.38	22.18	22.93
2003	28.22	28.89	24.83	29.40	25.03	28.76	23.81	25.17	25.36	26.21
2004	37.26	37.73	31.55	38.71	34.08	37.30	31.78	33.08	33.95	33.58
2005	52.48	51.89	43.00	55.95	47.96	54.48	46.39	47.21	49.60	45.79
2006	62.23	59.77	52.91	65.69	56.09	66.03	55.80	56.02	59.18	55.35
2007	67.80	67.93	61.35	76.64	W	69.96	64.10	69.93	69.58	62.69
2008	95.66	91.17	84.61	102.06	93.03	96.33	88.06	91.44	93.15	87.15
2009	57.07	57.90	56.47	64.61	57.87	65.63	55.58	59.53	58.53	57.16
2010	78.18	72.56	72.46	80.83	76.44	W	70.30	75.65	75.23	73.24
2011	111.82	100.21	100.90	115.35	107.08	-	97.23	106.47	105.34	98.49
2012	111.23	106.43	101.84	114.51	106.65	-	100.15	105.45	104.39	95.71
2013	107.71	101.24	98.40	110.06	101.16	W	97.52	100.62	100.57	93.67
2014	W	80.75	86.55	W	95.60	-	84.51	94.03	89.76	82.95
2015	W	47.52	44.90	W	47.53	-	40.73	46.95	43.25	41.19
2016	42.68	35.28	36.22	46.20	39.30	W	34.71	38.76	38.51	34.81
2017	W	48.34	46.66	54.77	51.30	W	45.60	50.16	49.55	43.30
2018	74.44	62.51	62.75	71.41	68.23	71.65	61.25	66.55	65.61	51.41
2019	66.97	60.61	56.72	67.21	63.48	65.20	48.57	61.43	62.11	52.36
2020										
January	-	56.90	53.70	W	49.26	W	-	50.36	51.96	46.61
February	-	W	47.74	W	W	W	-	51.87	53.40	40.68
March	W	27.34	28.59	W	W	W	-	24.18	28.56	23.61
April	W	19.88	12.25	W	21.44	-	-	21.44	22.92	12.23
May	-	W	22.92	W	W	W	-	29.19	30.80	18.09
June	-	33.32	34.36	W	W	W	-	40.59	41.17	32.84
July	-	W	37.95	W	42.98	-	-	40.60	41.32	36.08
August	-	40.34	40.16	W	W	-	-	W	44.02	37.20
September	-	37.36	38.42	W	W	-	-	W	41.19	35.82
October	W	W	37.12	W	-	-	-	-	40.10	34.01
November	-	W	39.55	-	-	W	-	W	W	36.36
December	W	W	45.09	W	W	-	-	W	52.06	40.99
2020	W	36.03	36.00	W	35.35	43.39	-	36.06	38.34	33.22
2021										
January	-	W	50.54	W	55.18	-	-	54.23	55.26	45.40
February	-	W	56.46	W	60.73	W	-	58.53	60.66	52.03
March	-	W	59.46	W	W	-	-	62.12	63.76	56.49
April	-	62.48	59.54	W	65.55	-	-	63.85	64.57	56.49
May	W	W	62.26	72.66	67.70	-	-	66.13	68.01	60.31
June	W	W	67.27	W	70.06	W	-	70.06	71.60	64.02
July	W	W	68.52	W	W	-	-	W	73.71	64.65
August	W	W	R63.71	W	R73.37	-	-	R70.48	R71.50	R61.62
September	W	W	R66.81	W	W	-	-	W	R76.65	R64.86
October	W	W	74.81	-	-	W	-	W	W	73.06

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary.

[b] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

[c] Includes Algeria, Angola (January 2007–present), Congo (Brazzaville) (June 2018–present), Ecuador (January 2008–April 2020), Equatorial Guinea (May 2017–present), Gabon (July 2016–present), Indonesia (1997–2008 and January 2016–November 2016), Iran, Iraq, Kuwait, Libya, Nigeria, Qatar (1997–2018), Saudi Arabia, United Arab Emirates, and Venezuela. Ecuador left OPEC effective January 1, 2020. Ecuador was included in the calculation of OPEC prices published in the PMM for January 2020 through April 2020. The affected data will be corrected when finalized 2020 crude oil price data are published in June 2021.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-856, Monthly Foreign Crude Oil Acquisition Report.

Table 22. Landed costs of imported crude oil by selected country
dollars per barrel

Year month	Selected countries								Persian Gulf[a]	Total OPEC[b]	Non OPEC
	Angola	Canada	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela			
1997	20.24	17.63	19.71	17.30	20.64	17.52	20.64	16.35	17.44	17.73	18.45
1998	13.37	11.62	13.26	11.04	14.14	11.16	13.55	10.16	11.18	11.46	12.22
1999	18.37	17.54	18.09	16.12	17.63	17.48	18.26	15.58	17.37	16.94	17.51
2000	29.57	26.69	29.68	26.03	30.04	26.58	29.26	26.05	26.77	27.29	27.80
2001	25.13	20.72	25.88	19.37	26.55	20.98	25.32	19.81	20.73	21.52	22.17
2002	25.43	22.98	25.28	22.09	26.45	24.77	26.35	21.93	24.13	23.83	23.97
2003	30.14	26.76	30.55	25.48	31.07	27.50	30.62	25.70	27.54	27.70	27.68
2004	39.62	34.51	39.03	32.25	40.95	37.11	39.28	33.79	36.53	36.84	35.29
2005	54.31	44.73	53.42	43.47	57.55	50.31	55.28	47.87	49.68	51.36	47.31
2006	64.85	53.90	62.13	53.76	68.26	59.19	67.44	57.37	58.92	61.21	57.14
2007	71.27	60.38	70.91	62.31	78.01	70.78	72.47	66.13	69.83	71.14	63.96
2008	98.18	90.00	93.43	85.97	104.83	94.75	96.95	90.76	93.59	95.49	90.59
2009	61.32	57.60	58.50	57.35	68.01	62.14	63.87	57.78	62.15	61.90	58.58
2010	80.61	72.80	74.25	72.86	83.14	79.29	80.29	72.43	78.60	78.28	74.68
2011	114.05	89.92	102.57	101.21	116.43	108.83	118.45	100.14	108.01	107.84	98.64
2012	114.95	84.24	107.07	102.45	116.88	108.15	W	101.58	107.74	107.56	95.05
2013	110.81	84.41	103.00	99.06	112.87	102.60	111.23	99.34	102.53	102.98	91.99
2014	99.25	81.30	88.29	87.48	102.16	94.91	W	86.88	95.30	93.10	84.67
2015	51.73	41.99	49.53	45.51	54.70	49.78	W	42.87	49.43	47.44	44.09
2016	44.65	36.27	38.86	36.64	48.11	42.14	W	35.50	41.20	40.54	37.09
2017	54.17	44.93	50.60	47.73	56.48	52.56	56.11	47.02	51.42	51.26	46.67
2018	73.42	48.34	66.75	63.48	71.93	69.40	73.28	62.46	67.55	67.22	54.27
2019	68.58	51.10	62.83	57.96	68.78	64.86	66.65	52.36	63.27	63.41	54.65
2020											
January	W	45.70	62.93	55.93	W	53.68	W	-	55.30	56.42	50.32
February	-	39.83	54.16	49.66	54.23	55.20	W	-	54.48	54.45	43.29
March	W	23.51	34.75	29.42	W	24.34	W	-	27.39	28.49	26.76
April	30.93	13.35	23.24	13.73	W	22.98	W	-	23.42	23.99	15.55
May	W	17.45	28.61	24.35	W	28.84	W	-	29.99	30.70	20.75
June	-	34.85	33.13	35.04	W	40.23	W	-	41.20	41.61	35.20
July	-	37.69	37.64	38.72	W	43.64	45.81	-	42.95	43.61	38.42
August	-	38.89	41.71	40.88	W	43.83	-	-	42.75	43.04	39.86
September	W	35.66	38.27	39.01	W	43.13	W	-	41.83	42.13	37.66
October	W	35.63	38.29	37.53	W	44.98	W	-	43.49	42.11	36.68
November	W	36.98	43.35	40.06	W	W	48.92	-	43.86	45.41	38.87
December	W	41.59	46.62	45.76	53.81	54.19	51.22	-	51.59	52.89	43.75
2020	41.03	33.81	41.04	37.18	46.24	35.84	44.51	-	37.98	39.28	35.95
2021											
January	W	46.06	W	51.32	W	58.83	-	-	57.43	58.18	48.21
February	-	51.58	60.79	57.08	W	62.72	66.55	-	60.95	62.41	54.46
March	W	56.03	W	60.74	W	65.49	W	-	64.56	65.26	58.25
April	-	57.36	64.38	60.30	68.45	69.04	W	-	66.60	67.17	59.60
May	70.56	60.48	66.44	63.05	72.44	70.61	W	-	69.15	70.09	62.58
June	W	64.53	69.84	68.09	W	70.17	74.58	-	70.85	72.24	66.68
July	W	65.10	71.74	69.12	67.47	71.81	76.48	-	72.05	72.12	67.55
August	W	R62.22	67.43	R64.40	W	R75.14	W	-	R72.86	R73.48	R64.44
September	W	R64.88	R71.23	R67.62	W	R73.40	W	-	R72.27	R73.99	R67.44
October	W	72.45	79.58	75.96	-	W	84.79	-	78.63	79.75	74.99

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

[b] Includes Algeria, Angola (January 2007–present), Congo (Brazzaville) (June 2018–present), Ecuador (January 2008–April 2020), Equatorial Guinea (May 2017–present), Gabon (July 2016–present), Indonesia (1997–2008 and January 2016–November 2016), Iran, Iraq, Kuwait, Libya, Nigeria, Qatar (1997–2018), Saudi Arabia, United Arab Emirates, and Venezuela. Ecuador left OPEC effective January 1, 2020. Ecuador was included in the calculation of OPEC prices published in the PMM for January 2020 through April 2020. The affected data will be corrected when finalized 2020 crude oil price data are published in June 2021.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-856, Monthly Foreign Crude Oil Acquisition Report.

Table 23. F.O.B.[a] costs of imported crude oil by API gravity

dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	13.12	14.94	17.49	17.61	19.37	19.88	19.77
1998	7.00	8.95	10.77	11.73	12.91	13.12	12.92
1999	12.13	14.49	17.07	17.33	18.03	18.81	17.00
2000	21.81	23.75	26.49	27.09	28.77	29.55	29.89
2001	16.17	17.23	21.84	21.60	23.84	24.80	25.72
2002	18.78	20.51	23.48	24.20	24.92	25.20	25.16
2003	21.88	24.09	25.65	27.49	28.67	29.35	28.64
2004	28.95	30.53	33.65	35.57	38.51	39.90	39.26
2005	40.54	41.52	49.26	50.82	54.65	56.47	52.83
2006	50.19	51.62	58.25	60.27	64.36	66.43	64.85
2007	56.69	60.14	69.31	71.44	73.46	74.27	70.10
2008	81.25	83.07	96.68	94.56	98.17	102.32	100.20
2009	54.76	54.36	56.30	59.78	63.63	62.10	63.32
2010	69.51	69.72	76.73	77.48	79.45	79.43	81.04
2011	94.66	94.15	103.09	107.24	111.37	114.28	112.74
2012	96.07	94.35	104.28	103.99	106.59	110.99	119.48
2013	93.91	91.27	100.20	101.44	104.26	108.78	103.41
2014	82.40	80.16	92.53	93.77	94.26	99.49	W
2015	40.07	38.33	47.33	47.85	49.98	54.59	W
2016	34.05	32.66	38.81	40.61	42.86	48.63	46.94
2017	43.78	41.82	48.78	51.08	50.31	54.70	54.12
2018	56.23	49.53	62.26	64.43	58.85	70.85	W
2019	52.06	50.37	56.25	60.66	56.02	64.95	66.00
2020							
January	44.99	44.23	51.00	56.11	45.58	W	W
February	39.82	38.29	45.17	52.21	38.00	-	W
March	21.99	21.67	30.18	30.46	28.58	-	W
April	11.33	9.06	16.66	20.14	19.93	W	W
May	17.20	17.83	21.40	19.57	24.28	W	W
June	29.90	31.92	35.24	37.37	35.07	W	W
July	32.43	35.65	34.95	39.54	40.81	W	-
August	34.78	36.71	35.24	41.32	39.88	-	W
September	30.98	34.16	32.19	39.60	39.25	W	-
October	31.30	33.30	34.56	38.04	37.65	W	W
November	32.37	34.98	32.44	40.31	39.20	W	W
December	37.68	39.34	41.98	45.65	47.06	-	W
2020	29.67	31.85	35.78	38.34	35.58	45.09	W
2021							
January	40.45	43.73	46.81	52.06	51.31	-	W
February	50.99	49.44	57.70	57.01	60.65	W	W
March	55.12	54.23	58.50	61.74	62.93	W	W
April	53.63	54.26	55.33	63.65	64.12	W	W
May	56.50	57.79	64.10	66.69	67.65	-	W
June	60.16	61.76	68.25	69.25	71.52	-	W
July	60.15	62.68	69.55	69.70	73.07	W	W
August	56.55	R59.12	R59.91	R68.88	71.42	W	W
September	R60.38	R62.20	R69.09	R72.72	R74.70	-	W
October	68.28	69.65	75.23	78.86	80.75	W	W

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, Monthly Foreign Crude Oil Acquisition Report.

Table 24. Landed costs of imported crude oil by API gravity

dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	14.42	15.79	18.57	18.42	20.34	21.09	20.85
1998	8.19	9.73	11.81	12.31	13.73	14.40	14.38
1999	13.40	15.30	17.33	17.81	18.18	19.22	18.48
2000	23.49	24.71	27.60	27.91	29.99	30.37	31.10
2001	17.66	18.14	23.29	22.21	24.86	26.59	26.49
2002	20.59	21.33	24.40	24.91	25.73	26.49	25.96
2003	23.87	25.15	27.78	28.78	29.95	30.73	30.90
2004	30.96	31.92	35.99	37.94	39.82	41.25	41.59
2005	42.20	42.24	49.94	52.18	54.95	58.38	56.43
2006	51.84	52.62	59.38	61.88	64.80	68.44	66.78
2007	59.01	60.64	68.95	72.03	73.17	75.68	73.57
2008	85.39	84.76	97.30	96.83	99.90	103.68	99.23
2009	56.38	55.68	61.28	62.43	64.80	64.82	63.90
2010	71.54	71.07	78.35	79.64	81.25	81.09	82.17
2011	96.89	93.32	106.06	108.76	110.93	115.40	113.24
2012	97.49	91.32	105.92	107.23	107.27	112.70	115.67
2013	95.87	88.35	101.63	102.97	104.39	110.66	105.88
2014	85.31	81.44	93.64	95.20	94.50	100.17	100.25
2015	43.20	41.14	49.58	50.16	50.78	54.54	51.70
2016	35.85	34.78	41.73	42.14	44.49	48.15	48.93
2017	46.51	44.75	51.46	53.12	52.48	55.74	55.70
2018	58.99	51.34	64.57	66.93	62.82	71.71	71.47
2019	55.35	52.45	59.50	62.18	58.78	64.00	66.06
2020							
January	50.96	46.84	57.89	57.39	54.81	62.71	W
February	42.58	40.73	47.63	52.71	46.42	W	W
March	26.39	24.85	32.47	28.46	32.59	W	23.27
April	15.15	12.60	19.57	22.31	25.59	32.04	W
May	20.48	19.51	25.61	25.50	27.96	36.78	W
June	34.35	34.47	36.92	38.67	37.81	47.86	W
July	36.88	37.80	37.46	41.25	43.68	50.24	W
August	38.35	38.96	39.06	42.93	43.30	46.80	40.87
September	35.04	36.17	37.70	41.04	42.18	47.59	W
October	36.15	35.53	38.15	40.10	40.01	44.92	W
November	37.28	37.19	40.46	42.65	44.29	54.70	W
December	43.11	41.87	44.76	48.55	50.57	55.87	W
2020	34.60	34.13	38.84	39.12	40.34	47.97	44.32
2021							
January	47.47	46.42	48.45	54.37	53.76	51.47	65.17
February	54.16	51.83	57.88	59.85	60.94	W	64.88
March	58.70	55.94	61.25	63.39	63.25	W	66.11
April	58.35	57.05	60.61	66.10	66.76	66.64	W
May	62.14	59.92	64.36	68.72	69.43	69.52	73.56
June	65.84	64.34	69.78	70.99	71.69	72.29	W
July	65.55	65.34	68.34	71.93	72.65	74.07	W
August	62.35	R61.47	R66.08	R71.89	R71.02	R71.26	W
September	R65.39	R64.83	R70.35	R73.16	R73.54	R72.74	W
October	72.90	71.92	78.01	80.74	78.78	79.66	W

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, Monthly Foreign Crude Oil Acquisition Report.

Table 25. Percentages of total imported crude oil by API gravity
percent by interval

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	6.05	21.88	13.33	34.43	21.28	1.77	1.27
1998	5.84	20.29	13.99	35.62	20.81	1.88	1.57
1999	4.76	17.78	14.18	36.54	21.46	3.72	1.57
2000	6.21	18.88	13.41	36.90	19.83	3.44	1.35
2001	7.97	20.78	11.60	36.10	19.63	2.71	1.21
2002	8.28	22.29	11.44	35.28	18.29	2.67	1.75
2003	8.29	24.25	9.97	35.60	17.19	2.70	1.99
2004	11.13	23.70	8.18	34.57	17.68	2.10	2.64
2005	11.94	22.83	10.20	31.87	16.92	3.68	2.55
2006	13.04	23.28	11.18	28.22	15.73	5.82	2.74
2007	11.72	23.12	11.18	28.86	16.71	5.57	2.84
2008	13.22	23.50	11.51	30.42	14.64	4.24	2.47
2009	14.08	26.11	7.78	29.74	13.76	5.65	2.88
2010	15.13	26.01	5.35	30.73	14.35	5.57	2.86
2011	17.20	27.47	6.02	30.64	13.42	3.58	1.68
2012	16.66	29.77	8.41	28.31	12.84	3.36	0.65
2013	16.20	33.87	8.74	29.98	9.67	1.28	0.27
2014	18.49	36.73	9.78	26.96	7.19	0.75	0.11
2015	19.51	38.05	8.63	26.17	7.15	0.43	0.06
2016	16.70	38.88	8.43	24.92	8.42	1.43	1.22
2017	17.58	39.99	9.88	21.31	7.37	1.93	1.95
2018	16.36	41.28	9.99	22.06	6.34	2.49	1.49
2019	12.42	43.34	11.30	20.05	9.16	2.16	1.58
2020							
January	11.06	51.03	9.75	20.95	4.59	W	W
February	11.81	49.41	9.85	21.62	4.36	W	W
March	12.83	46.85	9.76	25.25	4.01	W	W
April	13.70	41.56	6.88	30.36	5.43	W	W
May	10.82	45.64	9.13	23.45	8.49	W	W
June	11.41	46.63	10.74	23.26	5.22	W	W
July	12.03	50.00	9.26	19.89	5.70	W	W
August	18.61	43.18	7.40	23.85	4.45	1.81	0.70
September	15.17	42.32	7.11	21.59	8.37	W	W
October	12.56	53.37	9.27	14.05	7.33	W	W
November	11.54	53.27	7.43	20.29	4.76	W	W
December	12.57	45.31	10.30	21.56	7.37	W	W
2020	12.82	47.40	8.92	22.32	5.75	1.38	1.41
2021							
January	8.16	49.99	8.83	24.63	6.41	0.75	1.23
February	11.56	48.27	6.04	22.55	7.58	W	W
March	11.09	49.73	6.96	21.14	7.87	W	W
April	11.57	46.32	6.59	21.58	11.26	W	W
May	7.54	47.07	7.43	22.84	12.79	1.00	1.32
June	9.65	45.50	5.80	25.58	10.84	W	W
July	11.15	45.65	5.70	26.91	8.02	W	W
August	R11.06	R42.24	R9.58	R25.72	R8.66	W	W
September	R15.73	R42.13	R8.22	R23.83	R8.67	W	W
October	15.91	41.97	9.30	23.88	6.94	W	W

-- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, Monthly Foreign Crude Oil Acquisition Report.

Table 26. F.O.B.[a] costs of imported crude oil for selected crude streams

dollars per barrel

Year quarter month	Canadian Lloydminster	Iraqi Basrah Light	Mexican Mayan	Nigerian Qua Iboe	Venezuelan Merey
2005	35.13	-	40.69	-	-
2006	44.55	-	51.29	-	-
2007	48.54	-	59.96	-	-
2008	79.33	-	82.99	-	-
2009	50.11	62.98	55.07	65.60	59.89
2010	64.41	74.36	70.36	82.66	70.26
2011	78.41	104.51	98.27	115.82	98.73
2012	77.01	103.17	99.81	115.85	102.04
2013	75.61	99.28	96.87	W	99.26
2014	75.42	92.96	85.83	W	89.86
2015	W	47.59	43.49	W	43.82
2016	-	36.73	36.39	W	37.72
2017	W	49.10	46.82	W	45.62
2018	-	63.19	63.02	-	W
2019	W	59.43	57.35	-	-
2020					
January	-	-	54.19	-	-
February	-	W	47.96	-	-
March	-	W	28.09	-	-
1st quarter average	-	W	42.77	-	-
April	-	-	13.62	-	-
May	-	W	24.27	W	-
June	-	W	35.08	-	-
2nd quarter average	-	W	25.16	W	-
July	-	W	38.11	W	-
August	-	W	40.29	-	-
September	-	W	38.51	-	-
3rd quarter average	-	W	39.08	W	-
October	-	-	37.13	-	-
November	W	W	39.29	-	-
December	W	W	45.56	-	-
4th quarter average	W	W	40.64	-	-
2020	W	W	36.74	W	-
2021					
January	-	W	50.26	-	-
February	-	W	57.07	W	-
March	-	W	59.55	-	-
1st quarter average	-	W	55.42	W	-
April	W	W	59.00	-	-
May	-	64.63	62.11	W	-
June	-	W	66.72	W	-
2nd quarter average	W	65.41	62.85	W	-
July	-	W	68.25	W	-
August	-	W	R63.31	-	-
September	-	-	R66.55	W	-
3rd quarter average	-	W	R66.14	W	-
October	-	W	75.19	-	-

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary

Notes: - Effective January 2009, selected crude streams were discontinued and new crude streams were added for publication. - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, Monthly Foreign Crude Oil Acquisition Report.

Table 27. Landed costs of imported crude oil for selected crude streams

dollars per barrel

Year quarter month	Algerian Saharan Blend	Brazilian Marlim	Canadian Bow River Heavy	Canadian Light Sour Blend	Canadian Lloydminster
2005	-	-	39.22	-	37.59
2006	-	-	48.38	-	46.96
2007	-	-	52.36	-	50.94
2008	-	-	84.29	-	82.50
2009	65.95	58.94	55.71	59.12	53.44
2010	81.78	76.63	68.92	76.56	68.13
2011	115.82	107.13	82.02	96.52	82.24
2012	114.02	114.32	77.19	87.82	81.33
2013	113.45	108.43	76.88	90.59	79.34
2014	-	93.08	76.90	85.10	81.87
2015	W	47.77	38.90	47.18	38.51
2016	49.82	W	33.43	40.04	W
2017	54.96	50.40	43.02	50.08	42.28
2018	72.51	W	42.83	57.93	W
2019	67.75	-	47.62	54.05	52.58
2020					
January	-	-	39.65	51.92	-
February	-	-	30.63	43.35	-
March	-	-	16.76	23.54	-
1st quarter average	-	-	29.70	37.59	-
April	-	-	9.34	14.23	-
May	-	-	12.37	15.09	-
June	-	-	W	37.81	-
2nd quarter average	-	-	19.60	23.72	-
July	-	-	W	39.34	-
August	-	-	37.44	40.63	-
September	-	-	31.18	37.70	-
3rd quarter average	-	-	34.69	39.41	-
October	W	-	W	37.05	-
November	W	-	33.92	39.97	W
December	W	-	40.18	44.89	W
4th quarter average	W	-	35.59	40.78	W
2020	W	-	30.27	35.88	W
2021					
January	W	-	W	49.30	W
February	W	-	W	56.92	-
March	W	-	53.42	60.14	W
1st quarter average	W	-	47.61	53.47	W
April	W	-	52.71	62.94	W
May	W	-	55.55	64.81	W
June	-	-	58.68	69.26	W
2nd quarter average	W	-	55.59	65.80	W
July	-	-	60.91	71.10	W
August	-	-	56.61	66.78	W
September	-	-	59.10	70.59	W
3rd quarter average	-	-	59.12	69.82	W
October	W	-	71.36	74.19	-

See footnotes at end of table.

Table 27. Landed costs of imported crude oil for selected crude streams (cont.)

dollars per barrel

Year quarter month	Ecuadorian Oriente	Ecuadorian Napo	Iraqi Basrah Light	Mexican Mayan	Nigerian Bonny Light
2005	46.42	-	-	41.54	57.12
2006	56.75	-	-	52.04	69.29
2007	64.57	-	-	60.93	77.90
2008	87.25	-	-	84.29	108.46
2009	56.97	48.74	64.38	56.03	68.30
2010	75.48	72.97	77.96	70.87	84.10
2011	101.74	97.91	106.67	98.81	116.95
2012	105.50	101.53	106.93	100.29	117.70
2013	104.14	100.01	102.70	97.43	W
2014	91.65	93.11	96.95	86.49	W
2015	49.65	41.84	49.50	44.08	59.92
2016	40.68	37.46	39.90	36.79	W
2017	51.93	49.18	50.73	47.87	W
2018	67.94	65.09	65.43	63.62	-
2019	62.80	58.80	61.37	58.45	W
2020					
January	65.83	60.97	59.30	55.97	-
February	58.02	51.90	53.81	49.49	-
March	40.38	30.08	38.05	28.62	-
1st quarter average	53.79	45.07	49.12	44.35	-
April	W	18.35	W	13.84	-
May	W	W	34.88	25.43	-
June	W	-	W	35.68	-
2nd quarter average	W	20.25	40.99	25.71	-
July	41.62	-	42.97	38.79	-
August	44.31	W	42.30	40.97	-
September	42.45	W	40.32	39.12	-
3rd quarter average	42.88	41.16	42.10	39.72	-
October	40.76	W	W	37.49	-
November	42.83	W	41.13	39.70	-
December	48.98	W	47.25	46.12	-
4th quarter average	44.55	43.52	43.01	41.08	-
2020	44.49	40.60	45.41	37.54	-
2021					
January	58.25	53.23	W	50.99	-
February	W	W	W	57.52	-
March	64.45	64.06	63.36	60.68	-
1st quarter average	61.83	58.91	59.68	56.04	-
April	66.21	62.72	W	59.56	-
May	W	W	67.04	62.74	W
June	72.99	W	W	67.35	-
2nd quarter average	68.65	66.23	68.88	63.45	W
July	W	W	W	68.78	-
August	71.37	W	W	R63.75	-
September	R74.09	70.49	W	R67.17	-
3rd quarter average	R72.81	70.60	W	R66.66	-
October	W	W	78.01	75.79	-

See footnotes at end of table.

Table 27. Landed costs of imported crude oil for selected crude streams (cont.)

dollars per barrel

Year quarter month	Nigerian Qua Iboe	Saudi Arabian Light	Saudi Arabian Medium	Saudi Arabian Berri	Venezuelan Merey
2005	-	52.92	48.92	-	-
2006	-	60.51	58.10	-	-
2007	-	71.62	70.09	-	-
2008	-	94.38	91.46	-	-
2009	68.26	63.10	61.87	59.72	60.15
2010	84.44	79.65	78.13	81.14	71.59
2011	117.02	109.43	107.12	110.77	100.36
2012	116.48	108.93	106.83	110.03	103.28
2013	112.47	103.44	101.44	107.00	100.69
2014	W	96.83	94.47	96.68	91.73
2015	W	50.00	48.66	52.83	45.77
2016	W	41.25	41.62	45.62	38.97
2017	W	53.27	51.60	52.68	47.38
2018	W	69.40	68.78	71.81	63.24
2019	W	65.28	64.40	66.19	W
2020					
January	-	51.55	W	W	-
February	-	55.70	W	W	-
March	-	24.85	22.09	W	-
1st quarter average	-	40.69	27.52	W	-
April	-	22.79	20.55	W	-
May	W	31.84	28.07	W	-
June	-	W	42.13	-	-
2nd quarter average	W	27.85	27.92	W	-
July	W	W	42.47	W	-
August	-	W	W	W	-
September	-	43.42	42.55	-	-
3rd quarter average	W	43.56	42.42	W	-
October	-	W	W	-	-
November	W	W	W	W	-
December	-	54.70	W	W	-
4th quarter average	W	48.49	W	W	-
2020	W	37.61	31.86	45.94	-
2021					
January	-	60.26	56.50	W	-
February	W	63.08	W	W	-
March	-	W	W	W	-
1st quarter average	W	63.08	58.15	W	-
April	-	69.61	W	-	-
May	W	71.80	W	W	-
June	W	69.95	W	-	-
2nd quarter average	W	70.51	W	W	-
July	W	71.81	-	-	-
August	-	R75.85	W	W	-
September	W	R72.68	W	W	-
3rd quarter average	W	R73.84	W	W	-
October	-	W	-	-	-

- = No data reported.

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R = Revised data.

Notes: - Effective January 2009, selected crude streams were discontinued and new crude streams were added for publication. - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, Monthly Foreign Crude Oil Acquisition Report.

Prices of Petroleum Products

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state

dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users			Sales to end users			Sales to end users			Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	
United States												
October 2021	3.081	2.519	2.445	3.457	NA	2.657	3.630	NA	2.821	3.221	2.541	2.495
September 2021	3.021	2.500	2.259	3.387	2.521	2.502	3.565	2.800	2.643	3.162	2.517	2.310
October 2020	1.668	1.460	1.266	2.088	1.523	1.461	2.336	1.889	1.596	1.775	1.495	1.312
PAD District 1												
October 2021	W	2.498	2.408	W	W	2.609	W	-	2.722	W	2.491	2.448
September 2021	W	2.294	2.180	W	W	2.420	W	-	2.521	W	2.358	2.226
October 2020	1.550	1.248	1.224	1.826	W	1.395	2.052	-	1.531	1.634	1.290	1.265
Subdistrict 1A												
October 2021	-	W	2.452	-	-	2.663	-	-	2.719	-	W	2.492
September 2021	-	W	2.235	-	-	2.521	-	-	2.525	-	W	2.280
October 2020	W	W	1.251	W	-	1.416	W	-	1.522	W	W	1.294
Connecticut												
October 2021	-	W	2.450	-	-	2.558	-	-	2.741	-	W	2.499
September 2021	-	W	2.228	-	-	2.344	-	-	2.537	-	W	2.281
October 2020	-	W	1.252	-	-	1.363	-	-	1.526	-	W	1.300
Maine												
October 2021	-	-	2.487	-	-	W	-	-	2.718	-	-	2.509
September 2021	-	-	2.271	-	-	W	-	-	W	-	-	2.303
October 2020	-	-	1.278	-	-	W	-	-	W	-	-	1.301
Massachusetts												
October 2021	-	-	2.432	-	-	2.477	-	-	2.645	-	-	2.464
September 2021	-	-	2.219	-	-	2.288	-	-	2.468	-	-	2.256
October 2020	W	-	1.228	W	-	1.269	W	-	1.454	W	-	1.263
New Hampshire												
October 2021	-	-	W	-	-	-	-	-	W	-	-	W
September 2021	-	-	W	-	-	-	-	-	W	-	-	W
October 2020	W	-	W	W	-	-	W	-	W	W	-	W
Rhode Island												
October 2021	-	-	2.467	-	-	W	-	-	W	-	-	2.520
September 2021	-	-	2.248	-	-	W	-	-	2.597	-	-	2.304
October 2020	W	-	1.269	W	-	W	W	-	W	W	-	1.329
Vermont												
October 2021	-	-	2.470	-	-	-	-	-	2.749	-	-	W
September 2021	-	-	W	-	-	-	-	-	2.546	-	-	W
October 2020	-	-	W	-	-	-	-	-	1.522	-	-	W
Subdistrict 1B												
October 2021	W	-	2.419	W	-	2.564	W	-	2.686	W	-	2.454
September 2021	W	-	2.190	W	-	2.359	W	-	2.485	W	-	2.231
October 2020	1.614	-	1.219	1.855	-	1.316	2.047	-	1.464	1.698	-	1.253
Delaware												
October 2021	-	-	2.424	-	-	2.584	-	-	2.635	-	-	2.449
September 2021	-	-	2.213	-	-	2.362	-	-	2.466	-	-	2.243
October 2020	W	-	1.231	W	-	1.452	W	-	1.417	W	-	1.254
District of Columbia												
October 2021	-	-	-	-	-	-	-	-	-	-	-	-
September 2021	-	-	-	-	-	-	-	-	-	-	-	-
October 2020	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
October 2021	-	-	2.380	-	-	2.478	-	-	2.565	-	-	2.404
September 2021	-	-	2.158	-	-	2.291	-	-	2.366	-	-	2.189
October 2020	-	-	1.200	-	-	1.258	-	-	1.379	-	-	1.227
New Jersey												
October 2021	NA	-	2.390	NA	-	2.478	NA	-	2.630	NA	-	2.420
September 2021	NA	-	2.148	NA	-	2.275	NA	-	2.443	NA	-	2.186
October 2020	W	-	1.197	W	-	1.274	W	-	1.408	W	-	1.227
New York												
October 2021	W	-	2.472	W	-	2.749	W	-	2.795	W	-	2.529
September 2021	W	-	2.252	W	-	2.525	W	-	2.588	W	-	2.313
October 2020	1.662	-	1.269	1.893	-	1.451	2.086	-	1.581	1.746	-	1.327
Pennsylvania												
October 2021	W	-	2.421	W	-	2.526	W	-	2.657	W	-	2.443
September 2021	W	-	2.198	W	-	2.322	W	-	2.455	W	-	2.225
October 2020	W	-	1.211	W	-	1.342	W	-	1.427	W	-	1.231

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
Subdistrict 1C												
October 2021	-	2.501	2.396	-	W	2.625	-	-	2.748	-	2.493	2.439
September 2021	-	2.295	2.166	-	W	2.439	-	-	2.546	-	2.360	2.214
October 2020	W	1.249	1.224	W	W	1.414	W	-	1.577	W	1.291	1.269
Florida												
October 2021	-	W	2.418	-	-	2.646	-	-	2.730	-	W	2.459
September 2021	-	W	2.187	-	-	2.493	-	-	2.546	-	W	2.236
October 2020	W	W	1.259	W	-	1.410	W	-	1.598	W	W	1.307
Georgia												
October 2021	-	W	2.394	-	-	2.636	-	-	2.802	-	W	2.444
September 2021	-	W	2.156	-	-	2.404	-	-	2.598	-	W	2.211
October 2020	W	W	1.206	W	-	1.391	W	-	1.617	W	W	1.257
North Carolina												
October 2021	-	-	2.369	-	-	2.654	-	-	2.757	-	-	2.413
September 2021	-	-	2.146	-	-	2.443	-	-	2.540	-	-	2.194
October 2020	W	-	1.200	W	-	1.465	W	-	1.567	W	-	1.247
South Carolina												
October 2021	-	-	2.381	-	W	2.682	-	-	2.787	-	W	2.422
September 2021	-	-	2.154	-	W	2.480	-	-	2.561	-	W	2.197
October 2020	W	-	1.207	W	W	1.418	W	-	1.595	W	W	1.249
Virginia												
October 2021	-	-	2.392	-	-	2.523	-	-	2.688	-	-	2.430
September 2021	-	-	2.170	-	-	2.331	-	-	2.487	-	-	2.211
October 2020	-	-	1.216	-	-	1.342	-	-	1.488	-	-	1.252
West Virginia												
October 2021	-	-	2.402	-	-	2.610	-	-	2.787	-	-	2.433
September 2021	-	-	2.153	-	-	2.412	-	-	2.558	-	-	2.187
October 2020	W	-	1.225	W	-	1.481	W	-	1.519	W	-	1.254
PAD District 2												
October 2021	W	2.426	2.327	W	W	2.424	W	2.831	2.633	W	2.453	2.354
September 2021	W	2.430	2.151	W	W	2.290	W	2.723	2.470	W	2.444	2.181
October 2020	W	1.406	1.174	W	W	1.310	W	1.570	1.448	W	1.420	1.201
Illinois												
October 2021	-	2.591	2.325	-	-	2.485	-	-	2.621	-	2.591	2.357
September 2021	-	W	2.153	-	-	2.306	-	-	2.463	-	W	2.188
October 2020	W	1.452	1.162	W	-	1.305	W	W	1.443	W	1.413	1.193
Indiana												
October 2021	-	W	2.308	-	-	2.492	-	-	2.646	-	W	2.334
September 2021	-	W	2.128	-	-	2.331	-	-	2.462	-	W	2.155
October 2020	W	W	1.167	W	-	1.331	W	-	1.495	W	W	1.194
Iowa												
October 2021	-	-	2.310	-	-	2.402	-	-	2.569	-	-	2.337
September 2021	-	-	2.150	-	-	2.246	-	-	2.394	-	-	2.173
October 2020	-	W	1.156	-	-	1.252	-	-	1.328	-	W	1.174
Kansas												
October 2021	W	W	2.272	W	W	2.419	-	-	2.499	W	W	2.296
September 2021	W	W	2.112	W	W	2.256	-	-	2.329	W	W	2.136
October 2020	W	W	1.130	W	W	1.231	-	-	1.286	W	W	1.148
Kentucky												
October 2021	-	W	2.407	-	-	2.534	-	-	2.724	-	W	2.427
September 2021	-	W	2.159	-	-	2.342	-	W	2.542	-	W	2.185
October 2020	W	W	1.247	W	-	1.369	W	-	1.578	W	W	1.270
Michigan												
October 2021	-	W	2.327	-	-	2.599	-	W	2.747	-	W	2.354
September 2021	-	W	2.171	-	-	2.453	-	W	2.608	-	W	2.202
October 2020	W	W	1.189	W	-	1.561	W	W	1.621	W	W	1.220
Minnesota												
October 2021	W	W	2.293	W	W	2.307	W	W	2.494	W	W	2.315
September 2021	W	W	2.147	W	W	2.196	W	W	2.342	W	W	2.168
October 2020	W	W	1.134	W	W	1.239	W	W	1.305	W	W	1.155
Missouri												
October 2021	-	W	2.322	-	-	2.399	-	W	2.590	-	W	2.345
September 2021	-	W	2.151	-	-	2.245	-	W	2.417	-	W	2.176
October 2020	-	W	1.170	-	-	1.242	-	-	1.395	-	W	1.191

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
PAD District 2 (cont.)												
Nebraska												
October 2021	W	W	2.325	W	W	2.399	-	-	2.591	W	W	2.349
September 2021	W	W	2.157	W	W	2.233	-	-	2.426	W	W	2.180
October 2020	W	W	1.165	W	W	1.286	-	-	1.358	W	W	1.186
North Dakota												
October 2021	W	W	2.346	W	W	2.400	W	W	2.639	W	W	2.379
September 2021	W	W	2.249	W	W	2.295	W	W	2.599	W	W	2.284
October 2020	W	W	1.194	W	W	1.273	W	W	1.406	W	W	1.220
Ohio												
October 2021	W	W	2.335	W	-	2.537	W	W	2.708	W	W	2.361
September 2021	W	W	2.137	W	-	2.425	W	W	2.544	W	W	2.167
October 2020	W	W	1.189	W	-	1.423	W	W	1.557	W	W	1.217
Oklahoma												
October 2021	W	W	2.319	W	-	2.514	W	-	2.509	W	W	2.347
September 2021	W	W	2.151	W	-	2.359	W	-	2.328	W	W	2.180
October 2020	W	W	1.142	W	-	1.330	W	-	1.281	W	W	1.166
South Dakota												
October 2021	W	W	2.342	W	W	2.439	W	W	2.647	W	W	2.370
September 2021	W	W	2.255	W	W	2.368	W	W	2.606	W	W	2.287
October 2020	W	W	1.212	W	W	1.283	W	W	1.416	W	W	1.233
Tennessee												
October 2021	-	W	2.355	-	-	2.575	-	W	2.698	-	W	2.388
September 2021	-	W	2.146	-	-	2.375	-	W	2.502	-	W	2.181
October 2020	W	W	1.200	W	-	1.403	W	W	1.520	W	W	1.232
Wisconsin												
October 2021	-	W	2.315	-	W	2.422	-	W	2.722	-	W	2.352
September 2021	-	W	2.160	-	W	2.288	-	W	2.575	-	W	2.201
October 2020	W	W	1.155	W	W	1.250	W	W	1.558	W	W	1.191
PAD District 3												
October 2021	W	2.473	2.366	-	-	2.605	W	W	2.618	W	2.468	2.394
September 2021	W	2.387	2.180	-	-	2.428	W	W	2.439	W	2.402	2.211
October 2020	1.467	1.399	1.206	1.869	W	1.338	2.144	2.013	1.409	1.555	1.553	1.231
Alabama												
October 2021	-	W	2.394	-	-	2.629	-	W	2.832	-	W	2.434
September 2021	-	W	2.162	-	-	2.399	-	W	2.616	-	W	2.203
October 2020	W	W	1.202	W	-	1.351	W	W	1.631	W	W	1.242
Arkansas												
October 2021	-	W	2.330	-	-	2.567	-	-	2.647	-	W	2.360
September 2021	-	W	2.155	-	-	2.382	-	-	2.450	-	W	2.182
October 2020	-	-	1.182	-	-	1.363	-	-	1.474	-	-	1.210
Louisiana												
October 2021	-	W	2.356	-	-	2.630	-	-	2.661	-	W	2.382
September 2021	-	W	2.184	-	-	2.427	-	-	2.447	-	W	2.207
October 2020	-	W	1.194	-	-	1.364	-	-	1.455	-	W	1.217
Mississippi												
October 2021	-	-	2.395	-	-	2.569	-	-	2.716	-	-	2.429
September 2021	-	-	2.185	-	-	2.425	-	-	2.525	-	-	2.225
October 2020	-	-	1.214	-	-	1.343	-	-	1.531	-	-	1.247
New Mexico												
October 2021	W	W	2.562	-	-	2.672	W	-	2.867	W	W	2.605
September 2021	W	W	2.404	-	-	2.515	W	-	2.723	W	W	2.449
October 2020	1.604	W	1.287	1.870	-	1.355	2.148	W	1.607	1.686	W	1.333
Texas												
October 2021	W	W	2.355	-	-	2.599	W	-	2.565	W	W	2.381
September 2021	W	W	2.173	-	-	2.426	W	-	2.398	W	W	2.202
October 2020	W	W	1.207	W	W	1.330	W	-	1.361	W	W	1.228

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
PAD District 4												
October 2021	W	2.736	2.506	W	W	2.743	W	W	2.842	W	2.822	2.571
September 2021	W	2.855	2.557	W	W	2.824	W	W	2.906	W	2.930	2.624
October 2020	W	1.623	1.351	W	W	1.633	2.312	W	1.707	W	1.705	1.426
Colorado												
October 2021	W	W	2.395	W	W	2.539	W	W	2.698	W	W	2.452
September 2021	W	W	2.375	W	W	2.590	W	-	2.720	W	W	2.442
October 2020	1.749	1.651	1.296	2.039	W	1.561	2.345	W	1.657	1.899	1.654	1.368
Idaho												
October 2021	W	W	2.661	-	-	W	W	W	W	W	W	2.711
September 2021	W	W	2.817	-	-	NA	W	W	3.109	W	W	2.859
October 2020	W	W	1.421	W	W	1.761	W	W	1.747	W	W	1.480
Montana												
October 2021	W	W	2.559	W	W	2.719	W	W	3.018	W	W	2.632
September 2021	W	W	2.518	W	W	2.676	W	W	2.981	W	W	2.593
October 2020	W	W	1.345	W	W	1.482	W	W	1.791	W	W	1.424
Utah												
October 2021	-	W	2.589	-	-	2.890	-	-	2.915	-	W	2.666
September 2021	-	W	2.726	-	-	3.040	-	-	3.049	-	W	2.801
October 2020	W	W	1.399	W	W	1.678	W	-	1.717	W	W	1.482
Wyoming												
October 2021	W	W	2.485	W	-	W	W	-	2.910	W	W	2.548
September 2021	W	W	2.573	W	-	2.652	W	-	3.018	W	W	2.644
October 2020	W	W	1.351	W	-	1.539	W	-	1.741	W	W	1.428
PAD District 5												
October 2021	3.592	2.836	2.842	3.851	W	3.072	4.008	3.560	3.172	3.713	2.863	2.913
September 2021	3.525	2.663	2.634	3.765	NA	2.883	3.938	3.436	2.972	3.645	NA	2.705
October 2020	2.309	1.607	1.576	2.568	NA	1.790	2.734	1.988	1.865	2.419	NA	1.640
Alaska												
October 2021	W	W	W	W	-	W	W	W	2.992	W	W	W
September 2021	W	W	W	W	-	W	W	W	2.830	W	W	W
October 2020	W	W	W	W	-	W	W	W	1.703	W	W	W
Arizona												
October 2021	-	W	2.613	-	-	2.709	-	-	2.911	-	W	2.652
September 2021	-	W	2.322	-	-	2.432	-	-	2.618	-	W	2.361
October 2020	W	W	1.401	W	W	1.695	W	W	1.634	W	W	1.435
California												
October 2021	W	W	3.054	W	-	3.188	W	-	3.297	W	W	3.115
September 2021	W	W	2.802	W	W	2.964	W	-	3.076	W	W	2.868
October 2020	2.446	W	1.718	2.644	W	1.858	2.789	-	1.957	2.543	W	1.779
Hawaii												
October 2021	W	W	W	W	W	W	W	W	W	W	W	W
September 2021	W	W	W	W	W	W	W	W	W	W	W	W
October 2020	W	W	W	W	W	W	W	W	W	W	W	W
Nevada												
October 2021	-	W	2.708	-	-	NA	-	-	2.984	-	W	2.772
September 2021	-	W	2.646	-	-	NA	-	-	2.918	-	W	2.710
October 2020	NA	W	1.451	NA	-	1.668	NA	-	1.687	NA	W	1.508
Oregon												
October 2021	W	-	2.495	W	-	2.719	W	-	2.809	W	-	2.537
September 2021	W	-	2.353	W	-	2.571	W	-	2.673	W	-	2.394
October 2020	2.087	-	1.339	2.327	-	1.570	2.484	-	1.646	2.156	-	1.381
Washington												
October 2021	NA	W	2.481	NA	W	2.755	NA	W	2.834	NA	W	2.543
September 2021	NA	W	2.395	NA	W	2.669	NA	W	2.745	NA	W	2.457
October 2020	1.910	W	1.373	2.149	W	1.623	2.346	W	1.692	1.984	W	1.433

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Sales to "other end users" are all end-user sales that were not made through company-operated retail outlets, e.g., sales to agricultural customers or utilities.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
October 2021	3.783	3.365	2.300	2.279	3.425	2.434
September 2021	W	3.248	2.032	2.008	2.817	2.109
October 2020	2.495	2.217	1.134	1.107	W	1.293
PAD District 1						
October 2021	3.637	3.433	2.336	2.309	W	2.482
September 2021	W	3.318	2.054	2.032	W	2.172
October 2020	W	2.265	1.146	1.117	2.928	1.263
Subdistrict 1A						
October 2021	W	W	2.353	2.362	-	-
September 2021	W	W	2.061	2.089	-	W
October 2020	W	W	1.245	1.148	W	-
Connecticut						
October 2021	-	-	W	W	-	-
September 2021	-	-	W	W	-	W
October 2020	-	-	W	W	-	-
Maine						
October 2021	-	W	W	W	-	-
September 2021	-	W	W	W	-	-
October 2020	W	W	W	W	-	-
Massachusetts						
October 2021	W	-	W	W	-	-
September 2021	W	-	W	2.087	-	-
October 2020	W	-	W	W	W	-
New Hampshire						
October 2021	-	-	W	W	-	-
September 2021	-	-	W	-	-	-
October 2020	-	-	W	-	W	-
Rhode Island						
October 2021	-	-	W	W	-	-
September 2021	-	-	W	W	-	-
October 2020	-	-	W	W	W	-
Vermont						
October 2021	-	-	W	W	-	-
September 2021	-	-	W	W	-	-
October 2020	-	-	W	W	-	-
Subdistrict 1B						
October 2021	W	3.483	2.310	2.309	W	2.447
September 2021	W	3.369	2.044	2.025	W	2.106
October 2020	W	W	1.141	1.100	2.880	1.228
Delaware						
October 2021	-	-	-	-	-	W
September 2021	-	-	-	-	-	W
October 2020	-	-	-	-	W	W
District of Columbia						
October 2021	-	-	-	-	-	-
September 2021	-	-	-	-	-	-
October 2020	-	-	-	-	-	-
Maryland						
October 2021	-	-	W	2.198	-	W
September 2021	-	-	W	2.010	-	W
October 2020	-	-	W	1.105	-	W
New Jersey						
October 2021	-	W	2.321	2.304	-	W
September 2021	-	W	2.032	2.020	-	W
October 2020	-	-	1.150	1.097	W	W
New York						
October 2021	-	W	2.310	2.359	W	2.779
September 2021	W	W	2.059	2.063	W	W
October 2020	W	W	1.141	1.222	W	W
Pennsylvania						
October 2021	W	W	2.285	2.318	W	W
September 2021	-	W	2.006	2.031	W	W
October 2020	W	W	1.130	1.096	2.551	1.880

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
October 2021	W	3.402	2.357	2.298	-	2.753
September 2021	W	3.280	2.061	2.029	-	2.581
October 2020	W	W	1.142	1.132	W	1.660
Florida						
October 2021	W	W	W	2.299	-	-
September 2021	W	W	W	2.028	-	-
October 2020	-	W	1.158	1.131	W	-
Georgia						
October 2021	-	W	W	2.296	-	W
September 2021	W	W	W	2.017	-	W
October 2020	W	W	W	1.146	-	W
North Carolina						
October 2021	-	W	W	2.273	-	2.917
September 2021	-	W	W	2.068	-	2.573
October 2020	-	-	1.135	1.125	W	1.673
South Carolina						
October 2021	-	-	W	2.306	-	W
September 2021	-	-	W	2.026	-	W
October 2020	-	-	W	1.138	W	-
Virginia						
October 2021	-	W	2.279	W	-	W
September 2021	-	W	1.969	2.012	-	W
October 2020	-	W	1.097	1.137	-	W
West Virginia						
October 2021	-	-	-	W	-	-
September 2021	-	-	-	W	-	-
October 2020	-	-	-	W	W	-
PAD District 2						
October 2021	W	3.383	2.334	2.327	W	3.086
September 2021	W	3.239	2.037	2.037	W	2.951
October 2020	W	W	1.121	1.126	W	1.773
Illinois						
October 2021	-	W	2.355	W	-	W
September 2021	W	W	2.045	W	-	W
October 2020	-	W	1.130	W	W	W
Indiana						
October 2021	-	-	2.325	2.336	-	3.253
September 2021	-	-	2.027	2.033	-	W
October 2020	-	-	1.100	1.120	W	1.944
Iowa						
October 2021	-	-	W	W	-	-
September 2021	-	-	W	W	-	-
October 2020	-	-	1.261	W	-	-
Kansas						
October 2021	W	W	W	W	-	W
September 2021	W	W	W	W	-	W
October 2020	W	W	W	W	-	W
Kentucky						
October 2021	W	W	W	2.304	-	W
September 2021	W	W	W	2.013	-	W
October 2020	W	W	W	1.114	W	W
Michigan						
October 2021	-	-	2.261	2.248	-	W
September 2021	-	-	W	1.979	-	W
October 2020	W	-	1.084	1.103	W	W
Minnesota						
October 2021	W	W	W	2.308	W	W
September 2021	W	W	W	2.049	W	W
October 2020	W	W	W	1.112	W	W
Missouri						
October 2021	W	W	W	W	-	W
September 2021	W	-	W	W	-	-
October 2020	W	-	W	W	-	W

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
October 2021	W	-	W	W	-	-
September 2021	W	-	W	W	-	-
October 2020	W	-	W	W	-	-
North Dakota						
October 2021	-	-	W	W	W	W
September 2021	-	-	W	W	-	-
October 2020	-	-	W	W	W	W
Ohio						
October 2021	-	W	2.341	2.292	-	W
September 2021	W	W	2.048	2.007	-	W
October 2020	W	-	1.147	1.102	W	W
Oklahoma						
October 2021	W	-	W	2.353	-	W
September 2021	W	W	W	2.034	-	W
October 2020	W	-	W	1.117	-	W
South Dakota						
October 2021	-	-	W	-	-	-
September 2021	-	-	W	-	-	-
October 2020	W	-	W	-	-	-
Tennessee						
October 2021	W	W	W	2.311	-	W
September 2021	W	W	W	2.032	-	W
October 2020	-	W	W	1.134	W	W
Wisconsin						
October 2021	-	-	2.357	W	-	W
September 2021	-	-	2.057	W	-	-
October 2020	-	-	W	W	W	W
PAD District 3						
October 2021	W	3.162	2.277	2.221	-	2.330
September 2021	W	3.060	2.004	1.948	-	2.037
October 2020	W	2.051	1.121	1.060	-	1.173
Alabama						
October 2021	-	W	2.310	2.311	-	W
September 2021	-	W	2.026	2.026	-	W
October 2020	-	W	1.131	1.126	-	W
Arkansas						
October 2021	W	W	W	2.441	-	-
September 2021	W	-	W	2.139	-	-
October 2020	-	-	W	1.181	-	-
Louisiana						
October 2021	W	W	2.227	2.164	-	W
September 2021	W	W	1.951	1.896	-	W
October 2020	-	W	1.099	1.040	-	W
Mississippi						
October 2021	-	W	W	2.299	-	W
September 2021	-	W	1.970	1.897	-	W
October 2020	-	W	1.056	1.050	-	W
New Mexico						
October 2021	W	-	W	2.447	-	-
September 2021	W	-	W	W	-	-
October 2020	W	-	1.230	W	-	-
Texas						
October 2021	W	W	2.287	2.234	-	W
September 2021	W	3.077	2.025	1.969	-	W
October 2020	W	W	1.127	1.060	-	W

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
October 2021	W	W	2.456	2.429	-	-
September 2021	W	W	2.177	2.136	-	-
October 2020	W	W	1.275	1.229	-	-
Colorado						
October 2021	W	-	2.418	2.430	-	-
September 2021	W	-	2.097	2.108	-	-
October 2020	W	-	W	1.181	-	-
Idaho						
October 2021	-	-	W	2.535	-	-
September 2021	-	-	W	2.280	-	-
October 2020	-	-	W	1.389	-	-
Montana						
October 2021	W	W	W	W	-	-
September 2021	W	W	W	W	-	-
October 2020	W	W	W	W	-	-
Utah						
October 2021	-	W	2.477	2.446	-	-
September 2021	-	W	2.214	2.219	-	-
October 2020	-	W	1.307	1.307	-	-
Wyoming						
October 2021	-	-	W	W	-	-
September 2021	W	-	2.188	W	-	-
October 2020	-	-	1.223	W	-	-
PAD District 5						
October 2021	W	3.584	2.274	2.268	NA	W
September 2021	W	3.439	2.030	2.026	W	W
October 2020	W	W	1.137	1.137	W	W
Alaska						
October 2021	-	W	W	W	-	-
September 2021	-	W	W	W	-	-
October 2020	W	W	W	W	-	-
Arizona						
October 2021	W	W	2.275	2.316	-	-
September 2021	W	W	2.067	2.090	-	-
October 2020	W	W	W	1.171	-	-
California						
October 2021	W	3.580	2.264	2.250	-	W
September 2021	W	3.429	2.024	2.012	-	W
October 2020	W	W	1.122	1.115	W	W
Hawaii						
October 2021	-	-	W	W	-	-
September 2021	-	-	W	W	-	-
October 2020	-	-	W	W	-	-
Nevada						
October 2021	-	-	W	2.235	-	-
September 2021	-	-	W	W	-	-
October 2020	-	-	W	W	-	-
Oregon						
October 2021	-	W	2.316	W	-	-
September 2021	-	W	2.073	W	-	-
October 2020	-	W	1.152	1.138	-	-
Washington						
October 2021	-	W	2.243	2.360	NA	-
September 2021	-	W	2.021	2.089	W	-
October 2020	-	W	1.126	1.200	W	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 33. Refiner prices of distillate fuels by PAD District and state

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
October 2021	2.864	2.789	2.561	2.497	-	W
September 2021	2.614	2.475	2.324	2.235	-	W
October 2020	1.878	1.499	1.400	1.210	-	W
PAD District 1						
October 2021	-	W	2.466	2.486	-	-
September 2021	-	W	2.204	2.197	-	-
October 2020	-	1.740	1.470	1.174	-	-
Subdistrict 1A						
October 2021	-	-	W	2.494	-	-
September 2021	-	-	W	2.201	-	-
October 2020	-	-	W	1.181	-	-
Connecticut						
October 2021	-	-	W	2.503	-	-
September 2021	-	-	W	2.186	-	-
October 2020	-	-	W	1.175	-	-
Maine						
October 2021	-	-	-	2.515	-	-
September 2021	-	-	-	2.230	-	-
October 2020	-	-	-	1.195	-	-
Massachusetts						
October 2021	-	-	-	2.523	-	-
September 2021	-	-	-	2.215	-	-
October 2020	-	-	W	1.186	-	-
New Hampshire						
October 2021	-	-	-	W	-	-
September 2021	-	-	-	W	-	-
October 2020	-	-	W	W	-	-
Rhode Island						
October 2021	-	-	-	2.468	-	-
September 2021	-	-	-	2.218	-	-
October 2020	-	-	W	1.178	-	-
Vermont						
October 2021	-	-	-	W	-	-
September 2021	-	-	-	W	-	-
October 2020	-	-	-	W	-	-
Subdistrict 1B						
October 2021	-	W	W	2.464	-	-
September 2021	-	W	W	2.176	-	-
October 2020	-	1.718	W	1.165	-	-
Delaware						
October 2021	-	-	W	2.553	-	-
September 2021	-	-	W	2.229	-	-
October 2020	-	-	W	1.185	-	-
District of Columbia						
October 2021	-	-	-	W	-	-
September 2021	-	-	-	W	-	-
October 2020	-	-	-	W	-	-
Maryland						
October 2021	-	-	-	2.515	-	-
September 2021	-	-	-	2.192	-	-
October 2020	-	-	W	1.167	-	-
New Jersey						
October 2021	-	-	W	2.411	-	-
September 2021	-	-	W	2.140	-	-
October 2020	-	-	1.400	1.145	-	-
New York						
October 2021	-	W	2.888	2.548	-	-
September 2021	-	W	2.614	2.232	-	-
October 2020	-	1.437	2.053	1.213	-	-
Pennsylvania						
October 2021	-	W	2.614	2.517	-	-
September 2021	-	W	2.302	2.206	-	-
October 2020	-	W	1.376	1.181	-	-

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
October 2021	-	W	NA	2.507	-	-
September 2021	-	-	NA	2.217	-	-
October 2020	-	W	1.380	1.181	-	-
Florida						
October 2021	-	-	2.522	2.538	-	-
September 2021	-	-	2.216	2.240	-	-
October 2020	-	-	1.375	1.206	-	-
Georgia						
October 2021	-	W	2.506	2.453	-	-
September 2021	-	-	2.204	2.193	-	-
October 2020	-	W	1.228	1.166	-	-
North Carolina						
October 2021	-	-	2.497	2.473	-	-
September 2021	-	-	2.193	2.186	-	-
October 2020	-	-	1.490	1.162	-	-
South Carolina						
October 2021	-	-	W	2.520	-	-
September 2021	-	-	W	2.219	-	-
October 2020	-	-	W	1.166	-	-
Virginia						
October 2021	-	-	2.532	2.529	-	-
September 2021	-	-	2.208	2.214	-	-
October 2020	-	-	W	1.175	-	-
West Virginia						
October 2021	-	-	W	2.548	-	-
September 2021	-	-	W	2.283	-	-
October 2020	-	-	1.246	1.226	-	-
PAD District 2						
October 2021	W	2.810	2.516	2.485	-	-
September 2021	W	2.600	2.253	2.250	-	-
October 2020	1.718	1.487	1.324	1.220	-	-
Illinois						
October 2021	W	2.826	2.503	2.457	-	-
September 2021	W	W	2.274	2.243	-	-
October 2020	W	1.582	1.372	1.190	-	-
Indiana						
October 2021	-	W	W	2.437	-	-
September 2021	-	W	W	2.220	-	-
October 2020	-	W	1.371	1.241	-	-
Iowa						
October 2021	-	2.745	2.557	2.499	-	-
September 2021	-	2.402	2.307	2.277	-	-
October 2020	-	1.449	W	1.256	-	-
Kansas						
October 2021	-	2.768	2.459	2.489	-	-
September 2021	-	2.403	W	2.253	-	-
October 2020	W	1.428	1.141	1.184	-	-
Kentucky						
October 2021	-	W	W	2.535	-	-
September 2021	W	W	W	2.267	-	-
October 2020	-	W	1.321	1.248	-	-
Michigan						
October 2021	W	3.088	W	2.472	-	-
September 2021	W	W	W	2.257	-	-
October 2020	W	2.029	1.585	1.240	-	-
Minnesota						
October 2021	W	2.884	2.697	2.529	-	-
September 2021	W	2.687	2.347	2.318	-	-
October 2020	W	1.469	1.500	1.287	-	-
Missouri						
October 2021	W	2.805	2.561	2.514	-	-
September 2021	W	W	2.302	2.254	-	-
October 2020	W	1.454	1.304	1.206	-	-

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
October 2021	-	2.792	2.514	2.520	-	-
September 2021	-	W	2.247	2.281	-	-
October 2020	W	1.479	1.208	1.245	-	-
North Dakota						
October 2021	W	2.854	W	2.548	-	-
September 2021	W	2.687	2.274	2.280	-	-
October 2020	W	1.576	W	1.342	-	-
Ohio						
October 2021	-	W	W	2.479	-	-
September 2021	-	W	W	2.254	-	-
October 2020	-	W	1.365	1.231	-	-
Oklahoma						
October 2021	-	2.657	2.559	2.472	-	-
September 2021	-	W	2.268	2.214	-	-
October 2020	-	W	1.246	1.148	-	-
South Dakota						
October 2021	W	2.846	W	2.520	-	-
September 2021	W	W	W	2.300	-	-
October 2020	W	1.534	W	1.296	-	-
Tennessee						
October 2021	-	W	2.510	2.519	-	-
September 2021	-	W	2.212	2.206	-	-
October 2020	-	W	1.217	1.192	-	-
Wisconsin						
October 2021	W	W	2.391	2.447	-	-
September 2021	W	W	2.280	2.250	-	-
October 2020	W	1.491	1.543	1.262	-	-
PAD District 3						
October 2021	-	W	2.518	2.411	-	W
September 2021	-	W	2.246	2.146	-	W
October 2020	-	W	1.238	1.140	-	W
Alabama						
October 2021	-	-	2.529	2.490	-	-
September 2021	-	-	2.242	2.169	-	-
October 2020	-	-	1.203	1.151	-	-
Arkansas						
October 2021	-	-	W	2.516	-	-
September 2021	-	-	W	2.231	-	-
October 2020	-	-	W	1.186	-	-
Louisiana						
October 2021	-	W	W	2.341	-	-
September 2021	-	W	W	2.102	-	-
October 2020	-	W	W	1.116	-	-
Mississippi						
October 2021	-	-	2.454	2.451	-	-
September 2021	-	-	2.178	2.189	-	-
October 2020	-	-	1.232	1.149	-	-
New Mexico						
October 2021	-	-	2.623	2.617	-	-
September 2021	-	-	2.381	2.313	-	-
October 2020	-	-	1.633	1.276	-	-
Texas						
October 2021	-	-	2.500	2.412	-	W
September 2021	-	W	2.234	2.142	-	W
October 2020	-	-	1.208	1.137	-	W

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
October 2021	W	3.031	2.631	2.736	-	-
September 2021	W	2.861	2.513	2.472	-	-
October 2020	W	1.698	1.364	1.325	-	-
Colorado						
October 2021	W	2.884	2.525	2.558	-	-
September 2021	-	2.796	NA	2.458	-	-
October 2020	W	1.575	1.346	1.214	-	-
Idaho						
October 2021	W	3.042	2.982	2.891	-	-
September 2021	W	W	W	2.441	-	-
October 2020	W	1.754	1.713	1.385	-	-
Montana						
October 2021	W	2.993	2.590	2.764	-	-
September 2021	W	2.850	W	2.512	-	-
October 2020	W	1.682	1.345	1.378	-	-
Utah						
October 2021	W	W	W	2.871	-	-
September 2021	W	W	2.620	2.416	-	-
October 2020	-	1.968	1.414	1.413	-	-
Wyoming						
October 2021	-	3.003	2.581	2.681	-	-
September 2021	-	2.914	2.398	2.600	-	-
October 2020	-	1.668	1.236	1.267	-	-
PAD District 5						
October 2021	W	2.689	2.692	2.705	-	-
September 2021	W	2.409	2.456	2.409	-	-
October 2020	W	1.428	1.574	1.360	-	-
Alaska						
October 2021	W	W	W	W	-	-
September 2021	W	W	W	W	-	-
October 2020	W	W	W	W	-	-
Arizona						
October 2021	-	-	2.654	2.693	-	-
September 2021	-	-	2.354	2.313	-	-
October 2020	-	-	1.378	1.267	-	-
California						
October 2021	-	-	2.875	2.786	-	-
September 2021	-	-	2.573	2.489	-	-
October 2020	-	-	1.707	1.413	-	-
Hawaii						
October 2021	-	-	W	W	-	-
September 2021	-	-	W	W	-	-
October 2020	-	-	W	W	-	-
Nevada						
October 2021	-	-	W	2.675	-	-
September 2021	-	-	W	2.464	-	-
October 2020	-	-	W	1.310	-	-
Oregon						
October 2021	-	W	2.665	2.611	-	-
September 2021	-	W	2.410	2.322	-	-
October 2020	-	W	1.415	1.281	-	-
Washington						
October 2021	W	W	2.704	2.560	-	-
September 2021	W	W	2.448	2.270	-	-
October 2020	W	W	1.475	1.233	-	-

-- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales of No. 2 fuel oil and diesel fuels.

[b] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

Volume of Petroleum Products

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state
thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States										
October 2021	3,171.1	3,287.0	15,537.2	234,859.4	6,693.9	446.0	457.3	134.0	1,163.5	-
September 2021	3,239.7	3,355.4	15,955.5	239,666.4	7,097.8	455.6	467.1	141.8	1,324.3	-
October 2020	16,702.1	16,824.2	13,660.5	214,157.6	5,582.5	1,462.5	1,475.9	110.2	1,297.7	-
PAD District 1										
October 2021	W	W	W	68,899.5	W	W	W	NA	361.6	-
September 2021	W	W	W	68,605.6	W	W	W	NA	460.2	-
October 2020	5,245.1	5,252.9	W	60,535.4	W	512.2	516.4	-	446.5	-
Subdistrict 1A										
October 2021	-	W	W	W	-	-	-	-	20.8	-
September 2021	-	W	W	W	-	-	-	-	35.5	-
October 2020	W	W	W	W	-	W	W	-	17.6	-
Connecticut										
October 2021	-	W	-	1,938.6	-	-	-	-	2.6	-
September 2021	-	W	-	1,934.6	-	-	-	-	2.4	-
October 2020	-	W	-	1,743.2	-	-	-	-	4.3	-
Maine										
October 2021	-	-	-	W	-	-	-	-	W	-
September 2021	-	-	-	616.3	-	-	-	-	W	-
October 2020	-	-	-	581.7	-	-	-	-	W	-
Massachusetts										
October 2021	-	-	-	1,628.8	-	-	-	-	7.6	-
September 2021	-	-	-	1,662.5	-	-	-	-	10.2	-
October 2020	W	W	-	1,046.9	-	W	W	-	2.8	-
New Hampshire										
October 2021	-	-	W	W	-	-	-	-	-	-
September 2021	-	-	W	W	-	-	-	-	-	-
October 2020	W	W	W	W	-	W	W	-	-	-
Rhode Island										
October 2021	-	-	-	797.8	-	-	-	-	W	-
September 2021	-	-	-	843.7	-	-	-	-	W	-
October 2020	W	W	-	677.5	-	W	W	-	W	-
Vermont										
October 2021	-	-	W	W	-	-	-	-	-	-
September 2021	-	-	W	W	-	-	-	-	-	-
October 2020	-	-	W	W	-	-	-	-	-	-
Subdistrict 1B										
October 2021	W	W	W	W	W	W	W	W	W	-
September 2021	W	W	W	W	W	W	W	W	W	-
October 2020	2,882.2	2,882.2	W	18,829.6	W	316.2	316.2	-	89.4	-
Delaware										
October 2021	-	-	-	1,042.2	-	-	-	-	8.3	-
September 2021	-	-	-	987.8	-	-	-	-	8.5	-
October 2020	W	W	-	805.3	-	W	W	-	5.8	-
District of Columbia										
October 2021	-	-	-	-	-	-	-	-	-	-
September 2021	-	-	-	-	-	-	-	-	-	-
October 2020	-	-	-	-	-	-	-	-	-	-
Maryland										
October 2021	-	-	-	3,279.8	-	-	-	-	32.5	-
September 2021	-	-	-	3,419.5	-	-	-	-	47.5	-
October 2020	-	-	-	3,176.3	-	-	-	-	37.0	-
New Jersey										
October 2021	NA	NA	NA	W	W	NA	NA	-	26.4	-
September 2021	NA	NA	NA	W	W	NA	NA	-	31.3	-
October 2020	W	W	W	5,835.8	W	W	W	-	19.2	-
New York										
October 2021	W	W	W	W	-	W	W	W	W	-
September 2021	W	W	W	5,986.8	W	W	W	W	W	-
October 2020	1,885.9	1,885.9	W	W	-	208.4	208.4	-	13.8	-
Pennsylvania										
October 2021	W	W	-	W	W	W	W	-	15.6	-
September 2021	W	W	-	W	W	W	W	-	17.5	-
October 2020	W	W	-	W	W	W	W	-	13.6	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States										
October 2021	832.6	840.2	4,713.9	32,084.9	1,269.0	4,449.6	4,584.5	20,385.1	268,107.7	7,962.9
September 2021	878.8	885.6	4,869.4	33,258.6	1,718.5	4,574.1	4,708.1	20,966.7	274,249.2	8,816.3
October 2020	2,370.7	2,380.6	4,384.9	31,026.9	1,871.7	20,535.4	20,680.7	18,155.6	246,482.2	7,454.3
PAD District 1										
October 2021	W	W	W	W	W	W	W	W	W	4,167.1
September 2021	W	W	W	10,252.8	W	W	W	W	79,318.6	W
October 2020	831.7	831.7	W	9,190.2	W	6,589.0	6,601.0	W	70,172.1	W
Subdistrict 1A										
October 2021	-	-	W	W	-	-	W	W	W	-
September 2021	-	-	W	W	-	-	W	W	W	-
October 2020	W	W	W	W	-	W	W	W	W	-
Connecticut										
October 2021	-	-	-	392.4	-	-	W	-	2,333.6	-
September 2021	-	-	-	405.8	-	-	W	-	2,342.8	-
October 2020	-	-	-	366.8	-	-	W	-	2,114.3	-
Maine										
October 2021	-	-	-	W	-	-	-	-	653.6	-
September 2021	-	-	-	W	-	-	-	-	688.1	-
October 2020	-	-	-	W	-	-	-	-	642.5	-
Massachusetts										
October 2021	-	-	-	286.3	-	-	-	-	1,922.7	-
September 2021	-	-	-	292.5	-	-	-	-	1,965.2	-
October 2020	W	W	-	193.6	-	W	W	-	1,243.3	-
New Hampshire										
October 2021	-	-	W	W	-	-	-	W	W	-
September 2021	-	-	W	W	-	-	-	W	W	-
October 2020	W	W	W	W	-	W	W	W	W	-
Rhode Island										
October 2021	-	-	-	W	-	-	-	-	947.7	-
September 2021	-	-	-	W	-	-	-	-	1,010.5	-
October 2020	W	W	-	W	-	W	W	-	819.8	-
Vermont										
October 2021	-	-	W	W	-	-	-	W	249.3	-
September 2021	-	-	W	W	-	-	-	W	252.8	-
October 2020	-	-	W	W	-	-	-	W	W	-
Subdistrict 1B										
October 2021	W	W	W	3,382.2	W	W	W	W	25,619.1	W
September 2021	W	W	W	3,575.1	W	W	W	W	25,973.5	W
October 2020	560.2	560.2	W	3,050.3	W	3,758.5	3,758.5	W	21,969.3	W
Delaware										
October 2021	-	-	-	131.1	-	-	-	-	1,181.5	-
September 2021	-	-	-	129.3	-	-	-	-	1,125.6	-
October 2020	W	W	-	105.8	-	W	W	-	916.9	-
District of Columbia										
October 2021	-	-	-	-	-	-	-	-	-	-
September 2021	-	-	-	-	-	-	-	-	-	-
October 2020	-	-	-	-	-	-	-	-	-	-
Maryland										
October 2021	-	-	-	475.6	-	-	-	-	3,787.8	-
September 2021	-	-	-	567.8	-	-	-	-	4,034.8	-
October 2020	-	-	-	546.8	-	-	-	-	3,760.1	-
New Jersey										
October 2021	NA	NA	NA	W	W	NA	NA	NA	8,128.1	1,657.0
September 2021	NA	NA	NA	W	W	NA	NA	NA	W	W
October 2020	W	W	W	1,011.7	W	W	W	W	6,866.7	W
New York										
October 2021	W	W	W	1,091.5	W	W	W	W	W	W
September 2021	W	W	W	W	W	W	W	W	7,157.1	W
October 2020	376.6	376.6	W	W	W	2,470.9	2,470.9	W	W	W
Pennsylvania										
October 2021	W	W	-	W	W	W	W	-	W	W
September 2021	W	W	-	W	W	W	W	-	W	W
October 2020	W	W	-	W	W	W	W	-	W	W

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C										
October 2021	-	W	-	41,540.9	-	-	W	-	W	-
September 2021	-	W	-	41,011.9	-	-	W	-	W	-
October 2020	W	W	-	W	W	W	W	-	339.5	-
Florida										
October 2021	-	W	-	14,644.7	-	-	-	-	91.5	-
September 2021	-	W	-	14,018.3	-	-	-	-	108.2	-
October 2020	W	W	-	11,936.3	-	W	W	-	122.6	-
Georgia										
October 2021	-	W	-	7,301.2	-	-	-	-	21.1	-
September 2021	-	W	-	7,326.8	-	-	-	-	26.2	-
October 2020	W	W	-	W	W	W	W	-	34.7	-
North Carolina										
October 2021	-	-	-	9,134.1	-	-	-	-	57.1	-
September 2021	-	-	-	9,089.3	-	-	-	-	75.3	-
October 2020	W	W	-	W	W	W	W	-	91.4	-
South Carolina										
October 2021	-	-	-	3,946.7	-	-	W	-	15.5	-
September 2021	-	-	-	3,867.4	-	-	W	-	18.8	-
October 2020	W	W	-	3,907.0	-	W	W	-	33.1	-
Virginia										
October 2021	-	-	-	5,831.3	-	-	-	-	46.1	-
September 2021	-	-	-	6,028.5	-	-	-	-	55.6	-
October 2020	-	-	-	5,643.4	-	-	-	-	52.2	-
West Virginia										
October 2021	-	-	-	682.9	-	-	-	-	W	-
September 2021	-	-	-	681.5	-	-	-	-	W	-
October 2020	W	W	-	710.7	-	W	W	-	5.5	-
PAD District 2										
October 2021	W	109.6	-	80,434.8	-	W	W	-	403.4	-
September 2021	W	110.0	W	84,003.6	W	W	W	W	W	-
October 2020	W	W	W	72,530.5	W	W	W	-	368.2	-
Illinois										
October 2021	-	0.9	-	10,056.8	-	-	-	-	35.2	-
September 2021	-	W	-	10,210.5	-	-	-	-	38.2	-
October 2020	W	W	-	W	W	W	W	-	45.8	-
Indiana										
October 2021	-	W	-	6,852.0	-	-	-	-	30.1	-
September 2021	-	W	-	6,975.2	-	-	-	-	38.0	-
October 2020	W	W	-	5,539.9	-	W	W	-	13.1	-
Iowa										
October 2021	-	-	-	2,938.7	-	-	-	-	37.8	-
September 2021	-	-	-	3,161.6	-	-	-	-	40.6	-
October 2020	-	W	-	3,107.3	-	-	-	-	50.1	-
Kansas										
October 2021	W	W	-	4,018.4	-	W	W	-	8.1	-
September 2021	W	W	-	4,074.7	-	W	W	-	8.1	-
October 2020	W	W	-	3,835.8	-	W	W	-	12.6	-
Kentucky										
October 2021	-	W	-	4,490.6	-	-	-	-	10.1	-
September 2021	-	W	-	4,483.2	-	-	-	-	10.6	-
October 2020	W	W	-	3,425.4	-	W	W	-	14.7	-
Michigan										
October 2021	-	W	-	11,068.8	-	-	-	-	10.5	-
September 2021	-	W	-	11,396.7	-	-	-	-	12.1	-
October 2020	W	W	-	9,272.4	-	W	W	-	16.8	-
Minnesota										
October 2021	W	W	-	5,293.5	-	W	W	-	118.4	-
September 2021	W	W	W	W	-	W	W	W	W	-
October 2020	W	W	W	W	-	W	W	-	52.5	-
Missouri										
October 2021	-	W	-	3,279.5	-	-	-	-	21.1	-
September 2021	-	W	-	3,271.2	-	-	-	-	21.0	-
October 2020	-	W	-	3,075.5	-	-	-	-	16.8	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C										
October 2021	-	-	-	W	W	-	11.1	-	W	W
September 2021	-	-	-	W	W	-	10.6	-	W	W
October 2020	W	W	-	W	W	W	W	-	W	W
Florida										
October 2021	-	-	-	W	W	-	W	-	W	W
September 2021	-	-	-	W	W	-	W	-	W	W
October 2020	W	W	-	1,896.2	-	W	W	-	13,955.1	-
Georgia										
October 2021	-	-	-	1,025.2	-	-	W	-	8,347.5	-
September 2021	-	-	-	1,026.3	-	-	W	-	8,379.3	-
October 2020	W	W	-	1,046.8	-	W	W	-	W	W
North Carolina										
October 2021	-	-	-	1,140.7	-	-	-	-	10,331.9	-
September 2021	-	-	-	1,215.0	-	-	-	-	10,379.7	-
October 2020	W	W	-	1,079.2	-	W	W	-	W	W
South Carolina										
October 2021	-	-	-	437.8	-	-	W	-	4,400.0	-
September 2021	-	-	-	445.9	-	-	W	-	4,332.1	-
October 2020	W	W	-	467.8	-	W	W	-	4,407.9	-
Virginia										
October 2021	-	-	-	820.5	-	-	-	-	6,697.9	-
September 2021	-	-	-	875.1	-	-	-	-	6,959.2	-
October 2020	-	-	-	839.8	-	-	-	-	6,535.4	-
West Virginia										
October 2021	-	-	-	W	W	-	-	-	W	W
September 2021	-	-	-	W	W	-	-	-	W	W
October 2020	W	W	-	W	W	W	W	-	W	W
PAD District 2										
October 2021	W	W	-	7,394.0	447.8	W	126.6	-	88,232.3	447.8
September 2021	W	W	W	W	W	W	125.7	W	92,460.0	W
October 2020	W	W	W	7,235.6	W	W	W	W	80,134.3	W
Illinois										
October 2021	-	-	-	W	W	-	0.9	-	W	W
September 2021	-	-	-	W	W	-	W	-	W	W
October 2020	W	W	-	1,176.4	-	W	W	-	W	W
Indiana										
October 2021	-	-	-	W	W	-	W	-	W	W
September 2021	-	-	-	W	W	-	W	-	W	W
October 2020	W	W	-	W	W	W	W	-	W	W
Iowa										
October 2021	-	-	-	319.3	-	-	-	-	3,295.8	-
September 2021	-	-	-	311.1	-	-	-	-	3,513.4	-
October 2020	-	-	-	331.6	-	-	W	-	3,488.9	-
Kansas										
October 2021	-	-	-	W	W	W	W	-	W	W
September 2021	-	-	-	W	W	W	W	-	W	W
October 2020	-	-	-	376.3	112.5	W	W	-	4,224.7	112.5
Kentucky										
October 2021	-	-	-	303.9	-	-	W	-	4,804.6	-
September 2021	-	W	-	320.5	-	-	W	-	4,814.3	-
October 2020	W	W	-	255.1	-	W	W	-	3,695.2	-
Michigan										
October 2021	-	W	-	754.9	-	-	W	-	11,834.2	-
September 2021	-	W	-	875.1	-	-	W	-	12,283.9	-
October 2020	W	W	-	714.8	-	W	W	-	10,004.1	-
Minnesota										
October 2021	W	W	-	W	W	W	W	-	W	W
September 2021	W	W	W	W	W	W	W	W	7,000.6	W
October 2020	W	W	W	W	W	W	W	W	5,212.8	W
Missouri										
October 2021	-	W	-	296.5	-	-	W	-	3,597.1	-
September 2021	-	W	-	327.2	-	-	W	-	3,619.4	-
October 2020	-	-	-	312.2	-	-	W	-	3,404.4	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)										
Nebraska										
October 2021	W	W	-	1,537.1	-	W	W	-	9.9	-
September 2021	W	W	-	1,670.0	-	W	W	-	12.0	-
October 2020	W	W	-	1,443.4	-	W	W	-	11.1	-
North Dakota										
October 2021	W	W	-	758.1	-	W	W	-	12.8	-
September 2021	W	W	-	925.4	-	W	W	-	13.2	-
October 2020	W	W	-	758.6	-	W	W	-	15.1	-
Ohio										
October 2021	W	17.8	-	11,036.9	-	W	W	-	20.8	-
September 2021	W	W	-	11,977.9	-	W	W	-	24.2	-
October 2020	W	W	-	9,438.9	-	W	W	-	22.5	-
Oklahoma										
October 2021	W	W	-	4,024.0	-	W	W	-	1.3	-
September 2021	W	W	-	W	W	W	W	-	1.7	-
October 2020	W	W	-	3,848.8	-	W	W	-	0.8	-
South Dakota										
October 2021	W	W	-	1,069.3	-	W	W	-	14.7	-
September 2021	W	W	-	1,175.6	-	W	W	-	15.3	-
October 2020	W	W	-	911.8	-	W	W	-	12.7	-
Tennessee										
October 2021	-	W	-	8,585.0	-	-	-	-	39.6	-
September 2021	-	W	-	8,902.1	-	-	-	-	42.4	-
October 2020	W	W	-	8,402.6	-	W	W	-	47.8	-
Wisconsin										
October 2021	-	W	-	5,426.1	-	-	W	-	33.0	-
September 2021	-	W	-	5,593.9	-	-	W	-	36.3	-
October 2020	W	W	-	5,114.6	-	W	W	-	35.7	-
PAD District 3										
October 2021	W	W	534.8	49,261.8	2,769.5	-	-	W	W	-
September 2021	W	W	568.2	49,074.9	2,993.5	-	-	W	W	-
October 2020	801.4	813.3	180.7	46,942.2	2,341.1	76.3	76.4	-	210.2	-
Alabama										
October 2021	-	W	-	W	W	-	-	-	19.1	-
September 2021	-	W	-	4,615.1	-	-	-	-	18.6	-
October 2020	W	W	-	4,795.8	-	W	W	-	22.2	-
Arkansas										
October 2021	-	W	-	3,063.8	-	-	-	-	9.4	-
September 2021	-	W	-	3,097.0	-	-	-	-	10.2	-
October 2020	-	-	-	2,905.0	-	-	-	-	12.2	-
Louisiana										
October 2021	-	W	-	W	W	-	-	-	6.4	-
September 2021	-	W	-	W	W	-	-	-	8.4	-
October 2020	-	W	-	5,609.7	1,243.4	-	-	-	10.3	-
Mississippi										
October 2021	-	-	W	W	-	-	-	-	16.8	-
September 2021	-	-	W	W	W	-	-	-	24.0	-
October 2020	-	-	-	2,608.4	-	-	-	-	19.9	-
New Mexico										
October 2021	W	W	W	W	-	-	-	W	W	-
September 2021	W	W	W	W	-	-	-	W	W	-
October 2020	327.5	331.3	W	W	-	44.8	44.8	-	7.6	-
Texas										
October 2021	W	W	W	31,855.2	W	-	-	-	92.5	-
September 2021	W	W	W	W	1,015.8	-	-	W	W	-
October 2020	W	W	W	W	1,097.7	W	W	-	138.0	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)										
Nebraska										
October 2021	-	-	-	155.7	-	W	W	-	1,702.8	-
September 2021	-	-	-	156.1	-	W	W	-	1,838.0	-
October 2020	-	-	-	168.5	-	W	W	-	1,622.9	-
North Dakota										
October 2021	W	W	-	94.2	-	W	W	-	865.1	-
September 2021	W	W	-	103.4	-	W	W	-	1,042.0	-
October 2020	W	W	-	102.6	-	W	W	-	876.4	-
Ohio										
October 2021	W	W	-	830.6	-	W	19.5	-	11,888.3	-
September 2021	W	W	-	931.2	-	W	W	-	12,933.3	-
October 2020	W	W	-	W	W	W	W	-	W	W
Oklahoma										
October 2021	W	W	-	452.4	237.1	W	W	-	4,477.6	237.1
September 2021	W	W	-	W	W	W	W	-	4,417.2	328.3
October 2020	W	W	-	471.3	315.0	W	W	-	4,320.9	315.0
South Dakota										
October 2021	W	W	-	106.5	-	W	W	-	1,190.5	-
September 2021	W	W	-	117.4	-	W	W	-	1,308.3	-
October 2020	W	W	-	102.5	-	W	W	-	1,027.0	-
Tennessee										
October 2021	-	W	-	875.0	-	-	W	-	9,499.6	-
September 2021	-	W	-	945.6	-	-	W	-	9,890.1	-
October 2020	W	W	-	913.0	-	W	W	-	9,363.4	-
Wisconsin										
October 2021	-	W	-	531.6	-	-	W	-	5,990.8	-
September 2021	-	W	-	610.3	-	-	W	-	6,240.5	-
October 2020	W	W	-	493.1	-	W	W	-	5,643.5	-
PAD District 3										
October 2021	W	W	W	W	462.7	W	W	630.1	55,358.4	3,232.2
September 2021	W	W	W	W	767.2	W	W	669.8	55,373.7	3,760.7
October 2020	79.1	83.0	35.7	5,834.2	1,002.7	956.7	972.6	216.4	52,986.6	3,343.7
Alabama										
October 2021	-	W	-	457.0	-	-	W	-	W	W
September 2021	-	W	-	449.8	-	-	W	-	5,083.5	-
October 2020	W	W	-	482.9	-	W	W	-	5,300.8	-
Arkansas										
October 2021	-	-	-	317.1	-	-	W	-	3,390.3	-
September 2021	-	-	-	307.0	-	-	W	-	3,414.1	-
October 2020	-	-	-	306.2	-	-	-	-	3,223.4	-
Louisiana										
October 2021	-	-	-	W	W	-	W	-	W	W
September 2021	-	-	-	W	W	-	W	-	W	W
October 2020	-	-	-	W	W	-	W	-	W	W
Mississippi										
October 2021	-	-	W	W	-	-	-	W	W	-
September 2021	-	-	W	W	-	-	-	W	3,161.7	W
October 2020	-	-	-	W	W	-	-	-	W	W
New Mexico										
October 2021	W	W	W	W	-	W	W	W	W	-
September 2021	W	W	W	W	-	W	W	W	W	-
October 2020	40.4	40.9	W	W	-	412.7	417.0	W	W	-
Texas										
October 2021	W	W	W	4,096.9	W	W	W	W	36,044.6	W
September 2021	W	W	W	4,189.5	W	W	W	W	36,120.4	W
October 2020	W	W	W	W	W	W	W	W	34,011.6	W

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4										
October 2021	W	217.4	W	W	-	W	W	-	101.5	-
September 2021	W	229.1	W	W	-	W	W	-	99.5	-
October 2020	W	W	W	W	-	W	W	-	95.9	-
Colorado										
October 2021	W	W	-	4,455.0	-	W	W	-	31.7	-
September 2021	W	W	-	4,534.2	-	W	W	-	37.1	-
October 2020	140.7	144.1	W	W	-	39.4	40.3	-	23.4	-
Idaho										
October 2021	W	W	-	1,420.8	-	-	-	-	W	-
September 2021	W	W	-	1,576.0	-	-	-	-	4.6	-
October 2020	W	W	-	1,428.8	-	W	W	-	4.1	-
Montana										
October 2021	W	W	-	1,295.2	-	W	W	-	5.1	-
September 2021	W	W	-	1,422.1	-	W	W	-	6.1	-
October 2020	W	W	-	1,182.8	-	W	W	-	6.3	-
Utah										
October 2021	-	W	W	W	-	-	-	-	49.8	-
September 2021	-	W	W	W	-	-	-	-	43.9	-
October 2020	W	W	W	W	-	W	11.6	-	57.0	-
Wyoming										
October 2021	W	W	W	W	-	W	W	-	W	-
September 2021	W	5.9	W	W	-	W	W	-	7.9	-
October 2020	W	7.7	-	571.2	-	W	W	-	5.1	-
PAD District 5										
October 2021	1,430.3	1,446.3	14,106.5	W	W	241.6	242.0	W	W	-
September 2021	1,458.7	1,479.6	14,464.3	W	W	247.4	248.1	W	W	-
October 2020	3,390.1	3,419.2	12,398.3	W	W	517.8	518.4	110.2	176.8	-
Alaska										
October 2021	W	W	W	400.6	-	W	W	-	W	-
September 2021	W	W	W	544.2	-	W	W	-	W	-
October 2020	W	W	W	387.0	-	W	W	W	W	-
Arizona										
October 2021	-	W	W	W	-	-	-	W	W	-
September 2021	-	W	W	W	-	-	-	W	W	-
October 2020	W	W	1,107.8	3,475.9	-	W	W	W	W	-
California										
October 2021	W	W	10,851.0	11,922.8	-	W	W	W	W	-
September 2021	W	W	W	12,861.9	W	W	W	W	W	-
October 2020	2,451.4	2,452.2	9,266.2	11,891.5	-	444.5	444.6	W	W	-
Hawaii										
October 2021	W	W	W	W	W	W	W	W	W	-
September 2021	W	W	W	W	-	W	W	W	W	-
October 2020	W	W	W	W	W	W	W	W	W	-
Nevada										
October 2021	-	W	W	W	-	-	-	W	W	-
September 2021	-	W	W	W	-	-	-	W	W	-
October 2020	NA	NA	W	W	-	NA	NA	W	W	-
Oregon										
October 2021	W	W	636.3	3,073.8	-	W	W	W	W	-
September 2021	W	W	W	3,152.0	W	W	W	W	W	-
October 2020	69.3	69.3	585.2	2,818.4	-	5.0	5.0	2.5	4.1	-
Washington										
October 2021	NA	NA	849.7	4,742.6	-	NA	NA	W	W	-
September 2021	NA	NA	904.6	4,946.7	-	NA	NA	W	W	-
October 2020	265.1	270.4	737.5	4,336.3	-	27.4	27.6	W	W	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4										
October 2021	W	W	W	W	-	W	299.2	W	W	-
September 2021	W	W	W	W	-	W	314.2	W	W	-
October 2020	W	W	W	W	-	W	W	W	W	-
Colorado										
October 2021	W	W	-	1,018.4	-	W	W	-	5,505.2	-
September 2021	W	W	-	1,070.1	-	W	W	-	5,641.3	-
October 2020	34.7	34.8	W	W	-	214.8	219.1	W	W	-
Idaho										
October 2021	W	W	-	W	-	W	W	-	1,678.1	-
September 2021	W	W	-	257.5	-	W	W	-	1,838.1	-
October 2020	W	W	-	309.0	-	W	W	-	1,741.8	-
Montana										
October 2021	W	W	-	241.8	-	W	W	-	1,542.2	-
September 2021	W	W	-	275.0	-	W	W	-	1,703.2	-
October 2020	W	W	-	255.4	-	W	W	-	1,444.5	-
Utah										
October 2021	-	-	W	W	-	-	W	W	W	-
September 2021	-	-	W	W	-	-	W	W	W	-
October 2020	W	W	W	W	-	W	68.5	W	W	-
Wyoming										
October 2021	W	W	W	W	-	W	W	W	W	-
September 2021	W	W	W	W	-	W	7.3	W	W	-
October 2020	W	W	-	138.8	-	W	10.2	-	715.2	-
PAD District 5										
October 2021	476.1	476.6	W	6,403.0	W	2,148.0	2,164.9	18,505.2	32,242.1	115.7
September 2021	491.7	492.0	W	W	W	2,197.8	2,219.8	19,008.0	W	W
October 2020	938.4	940.0	4,000.7	W	W	4,846.3	4,877.6	16,509.2	W	W
Alaska										
October 2021	W	W	W	32.6	-	W	W	141.4	W	-
September 2021	W	W	W	W	-	W	W	W	602.5	-
October 2020	W	W	W	W	-	W	W	W	441.3	-
Arizona										
October 2021	-	-	W	W	-	-	W	W	W	-
September 2021	-	-	W	W	-	-	W	W	W	-
October 2020	W	W	W	W	-	W	W	1,265.3	4,100.7	-
California										
October 2021	W	W	3,542.2	W	W	W	W	W	16,020.7	W
September 2021	W	W	3,648.6	W	W	W	W	W	16,856.0	W
October 2020	790.9	790.9	3,279.1	W	W	3,686.7	3,687.7	W	15,801.6	W
Hawaii										
October 2021	W	W	W	W	W	W	W	W	W	W
September 2021	W	W	W	W	-	W	W	W	W	-
October 2020	W	W	W	W	W	W	W	W	W	W
Nevada										
October 2021	-	-	W	344.3	W	-	W	W	1,665.7	W
September 2021	-	-	W	W	-	-	W	W	W	-
October 2020	NA	NA	W	W	-	NA	NA	W	W	-
Oregon										
October 2021	W	W	118.4	W	W	W	W	W	3,507.0	W
September 2021	W	W	124.8	W	W	W	W	W	3,589.3	W
October 2020	11.9	11.9	116.2	408.8	-	86.2	86.2	703.9	3,231.3	-
Washington										
October 2021	NA	NA	202.1	W	W	NA	NA	W	5,720.7	W
September 2021	NA	NA	209.5	W	W	NA	NA	W	5,972.8	W
October 2020	41.8	42.0	190.7	W	W	334.4	340.0	W	5,314.4	W

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state

thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States					
October 2021	W	W	W	192,956.9	W
September 2021	W	W	W	198,537.6	W
October 2020	12,901.8	13,028.9	W	178,697.2	W
PAD District 1					
October 2021	W	W	W	51,798.9	W
September 2021	W	W	W	52,054.3	W
October 2020	W	W	W	46,811.0	W
Subdistrict 1A					
October 2021	-	-	W	W	-
September 2021	-	-	W	W	-
October 2020	-	-	W	W	-
Connecticut					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
Maine					
October 2021	-	-	-	W	-
September 2021	-	-	-	W	-
October 2020	-	-	-	W	-
Massachusetts					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
New Hampshire					
October 2021	-	-	W	W	-
September 2021	-	-	W	W	-
October 2020	-	-	W	-	-
Rhode Island					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
Vermont					
October 2021	-	-	W	249.3	-
September 2021	-	-	W	252.8	-
October 2020	-	-	W	W	-
Subdistrict 1B					
October 2021	W	W	W	W	2,840.8
September 2021	W	W	W	8,320.5	W
October 2020	W	W	W	6,689.9	W
Delaware					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
District of Columbia					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
Maryland					
October 2021	-	-	-	W	-
September 2021	-	-	-	W	-
October 2020	-	-	-	W	-
New Jersey					
October 2021	-	-	-	-	W
September 2021	-	-	-	-	W
October 2020	-	-	-	-	W
New York					
October 2021	W	W	W	W	W
September 2021	W	W	W	W	W
October 2020	W	W	W	W	W
Pennsylvania					
October 2021	W	W	-	W	W
September 2021	W	W	-	W	W
October 2020	W	W	-	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States					
October 2021	W	W	W	75,150.8	W
September 2021	W	W	W	75,711.6	W
October 2020	7,633.5	7,651.8	W	67,785.0	W
PAD District 1					
October 2021	NA	W	NA	W	W
September 2021	NA	W	W	27,264.3	W
October 2020	W	W	W	23,361.1	W
Subdistrict 1A					
October 2021	-	W	-	5,564.2	-
September 2021	-	W	-	5,708.4	-
October 2020	W	W	-	4,517.2	-
Connecticut					
October 2021	-	W	-	2,333.6	-
September 2021	-	W	-	2,342.8	-
October 2020	-	W	-	2,114.3	-
Maine					
October 2021	-	-	-	W	-
September 2021	-	-	-	W	-
October 2020	-	-	-	W	-
Massachusetts					
October 2021	-	-	-	1,922.7	-
September 2021	-	-	-	1,965.2	-
October 2020	W	W	-	1,243.3	-
New Hampshire					
October 2021	-	-	-	W	-
September 2021	-	-	-	W	-
October 2020	W	W	-	W	-
Rhode Island					
October 2021	-	-	-	W	-
September 2021	-	-	-	1,010.5	-
October 2020	W	W	-	W	-
Vermont					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
Subdistrict 1B					
October 2021	NA	NA	NA	W	W
September 2021	NA	NA	W	17,653.0	W
October 2020	W	W	W	15,279.5	W
Delaware					
October 2021	-	-	-	1,181.5	-
September 2021	-	-	-	1,125.6	-
October 2020	W	W	-	916.9	-
District of Columbia					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
Maryland					
October 2021	-	-	-	W	-
September 2021	-	-	-	W	-
October 2020	-	-	-	W	-
New Jersey					
October 2021	NA	NA	NA	8,128.1	W
September 2021	NA	NA	NA	W	W
October 2020	W	W	W	6,866.7	W
New York					
October 2021	NA	NA	NA	3,709.6	-
September 2021	NA	NA	W	W	-
October 2020	W	W	W	W	-
Pennsylvania					
October 2021	-	-	-	W	W
September 2021	-	-	-	W	W
October 2020	W	W	-	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States					
October 2021	4,449.6	4,584.5	20,385.1	268,107.7	7,962.9
September 2021	4,574.1	4,708.1	20,966.7	274,249.2	8,816.3
October 2020	20,535.4	20,680.7	18,155.6	246,482.2	7,454.3
PAD District 1					
October 2021	W	W	W	W	4,167.1
September 2021	W	W	W	79,318.6	W
October 2020	6,589.0	6,601.0	W	70,172.1	W
Subdistrict 1A					
October 2021	-	W	W	W	-
September 2021	-	W	W	W	-
October 2020	W	W	W	W	-
Connecticut					
October 2021	-	W	-	2,333.6	-
September 2021	-	W	-	2,342.8	-
October 2020	-	W	-	2,114.3	-
Maine					
October 2021	-	-	-	653.6	-
September 2021	-	-	-	688.1	-
October 2020	-	-	-	642.5	-
Massachusetts					
October 2021	-	-	-	1,922.7	-
September 2021	-	-	-	1,965.2	-
October 2020	W	W	-	1,243.3	-
New Hampshire					
October 2021	-	-	W	W	-
September 2021	-	-	W	W	-
October 2020	W	W	W	W	-
Rhode Island					
October 2021	-	-	-	947.7	-
September 2021	-	-	-	1,010.5	-
October 2020	W	W	-	819.8	-
Vermont					
October 2021	-	-	W	249.3	-
September 2021	-	-	W	252.8	-
October 2020	-	-	W	W	-
Subdistrict 1B					
October 2021	W	W	W	25,619.1	W
September 2021	W	W	W	25,973.5	W
October 2020	3,758.5	3,758.5	W	21,969.3	W
Delaware					
October 2021	-	-	-	1,181.5	-
September 2021	-	-	-	1,125.6	-
October 2020	W	W	-	916.9	-
District of Columbia					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
Maryland					
October 2021	-	-	-	3,787.8	-
September 2021	-	-	-	4,034.8	-
October 2020	-	-	-	3,760.1	-
New Jersey					
October 2021	NA	NA	NA	8,128.1	1,657.0
September 2021	NA	NA	NA	W	W
October 2020	W	W	W	6,866.7	W
New York					
October 2021	W	W	W	W	W
September 2021	W	W	W	7,157.1	W
October 2020	2,470.9	2,470.9	W	W	W
Pennsylvania					
October 2021	W	W	-	W	W
September 2021	W	W	-	W	W
October 2020	W	W	-	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C					
October 2021	-	11.1	-	W	W
September 2021	-	10.6	-	W	W
October 2020	W	W	-	W	W
Florida					
October 2021	-	W	-	W	W
September 2021	-	W	-	W	W
October 2020	W	W	-	13,955.1	-
Georgia					
October 2021	-	W	-	8,347.5	-
September 2021	-	W	-	8,379.3	-
October 2020	W	W	-	W	W
North Carolina					
October 2021	-	-	-	10,331.9	-
September 2021	-	-	-	10,379.7	-
October 2020	W	W	-	W	W
South Carolina					
October 2021	-	W	-	4,400.0	-
September 2021	-	W	-	4,332.1	-
October 2020	W	W	-	4,407.9	-
Virginia					
October 2021	-	-	-	2,869.0	-
September 2021	-	-	-	3,056.4	-
October 2020	-	-	-	2,971.0	-
West Virginia					
October 2021	-	-	-	W	W
September 2021	-	-	-	W	W
October 2020	W	W	-	W	W
PAD District 2					
October 2021	W	W	-	75,919.0	447.8
September 2021	W	W	W	79,998.8	W
October 2020	W	W	W	W	W
Illinois					
October 2021	-	W	-	W	W
September 2021	-	W	-	W	W
October 2020	W	W	-	3,675.0	-
Indiana					
October 2021	-	W	-	W	W
September 2021	-	W	-	W	W
October 2020	W	W	-	W	W
Iowa					
October 2021	-	-	-	3,295.8	-
September 2021	-	-	-	3,513.4	-
October 2020	-	W	-	3,488.9	-
Kansas					
October 2021	W	W	-	W	W
September 2021	W	W	-	W	W
October 2020	W	W	-	4,224.7	112.5
Kentucky					
October 2021	-	W	-	4,010.7	-
September 2021	-	W	-	3,942.4	-
October 2020	W	W	-	2,977.6	-
Michigan					
October 2021	-	W	-	11,834.2	-
September 2021	-	W	-	12,283.9	-
October 2020	W	W	-	10,004.1	-
Minnesota					
October 2021	W	W	-	W	W
September 2021	W	W	W	7,000.6	W
October 2020	W	W	W	5,212.8	W
Missouri					
October 2021	-	W	-	3,119.3	-
September 2021	-	W	-	3,115.4	-
October 2020	-	W	-	2,907.2	-

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C					
October 2021	-	-	-	3,828.9	-
September 2021	-	-	-	3,902.8	-
October 2020	-	-	-	3,564.4	-
Florida					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
Georgia					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
North Carolina					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
South Carolina					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
Virginia					
October 2021	-	-	-	3,828.9	-
September 2021	-	-	-	3,902.8	-
October 2020	-	-	-	3,564.4	-
West Virginia					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
PAD District 2					
October 2021	-	W	-	12,313.3	-
September 2021	-	W	-	12,461.2	-
October 2020	W	W	-	W	W
Illinois					
October 2021	-	W	-	7,629.5	-
September 2021	-	-	-	7,744.9	-
October 2020	W	W	-	W	W
Indiana					
October 2021	-	W	-	1,526.6	-
September 2021	-	W	-	1,405.1	-
October 2020	W	W	-	912.4	-
Iowa					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
Kansas					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
Kentucky					
October 2021	-	W	-	793.9	-
September 2021	-	W	-	871.9	-
October 2020	W	W	-	717.6	-
Michigan					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
Minnesota					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
Missouri					
October 2021	-	-	-	477.8	-
September 2021	-	-	-	504.0	-
October 2020	-	-	-	497.3	-

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C					
October 2021	-	11.1	-	W	W
September 2021	-	10.6	-	W	W
October 2020	W	W	-	W	W
Florida					
October 2021	-	W	-	W	W
September 2021	-	W	-	W	W
October 2020	W	W	-	13,955.1	-
Georgia					
October 2021	-	W	-	8,347.5	-
September 2021	-	W	-	8,379.3	-
October 2020	W	W	-	W	W
North Carolina					
October 2021	-	-	-	10,331.9	-
September 2021	-	-	-	10,379.7	-
October 2020	W	W	-	W	W
South Carolina					
October 2021	-	W	-	4,400.0	-
September 2021	-	W	-	4,332.1	-
October 2020	W	W	-	4,407.9	-
Virginia					
October 2021	-	-	-	6,697.9	-
September 2021	-	-	-	6,959.2	-
October 2020	-	-	-	6,535.4	-
West Virginia					
October 2021	-	-	-	W	W
September 2021	-	-	-	W	W
October 2020	W	W	-	W	W
PAD District 2					
October 2021	W	126.6	-	88,232.3	447.8
September 2021	W	125.7	W	92,460.0	W
October 2020	W	W	W	80,134.3	W
Illinois					
October 2021	-	0.9	-	W	W
September 2021	-	W	-	W	W
October 2020	W	W	-	W	W
Indiana					
October 2021	-	W	-	W	W
September 2021	-	W	-	W	W
October 2020	W	W	-	W	W
Iowa					
October 2021	-	-	-	3,295.8	-
September 2021	-	-	-	3,513.4	-
October 2020	-	W	-	3,488.9	-
Kansas					
October 2021	W	W	-	W	W
September 2021	W	W	-	W	W
October 2020	W	W	-	4,224.7	112.5
Kentucky					
October 2021	-	W	-	4,804.6	-
September 2021	-	W	-	4,814.3	-
October 2020	W	W	-	3,695.2	-
Michigan					
October 2021	-	W	-	11,834.2	-
September 2021	-	W	-	12,283.9	-
October 2020	W	W	-	10,004.1	-
Minnesota					
October 2021	W	W	-	W	W
September 2021	W	W	W	7,000.6	W
October 2020	W	W	W	5,212.8	W
Missouri					
October 2021	-	W	-	3,597.1	-
September 2021	-	W	-	3,619.4	-
October 2020	-	W	-	3,404.4	-

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)					
Nebraska					
October 2021	W	W	-	1,702.8	-
September 2021	W	W	-	1,838.0	-
October 2020	W	W	-	1,622.9	-
North Dakota					
October 2021	W	W	-	865.1	-
September 2021	W	W	-	1,042.0	-
October 2020	W	W	-	876.4	-
Ohio					
October 2021	W	19.5	-	11,888.3	-
September 2021	W	W	-	12,933.3	-
October 2020	W	W	-	W	W
Oklahoma					
October 2021	W	W	-	4,477.6	237.1
September 2021	W	W	-	4,417.2	328.3
October 2020	W	W	-	4,320.9	315.0
South Dakota					
October 2021	W	W	-	1,190.5	-
September 2021	W	W	-	1,308.3	-
October 2020	W	W	-	1,027.0	-
Tennessee					
October 2021	-	W	-	9,499.6	-
September 2021	-	W	-	9,890.1	-
October 2020	W	W	-	9,363.4	-
Wisconsin					
October 2021	-	W	-	4,105.3	-
September 2021	-	W	-	4,305.2	-
October 2020	W	W	-	4,034.6	-
PAD District 3					
October 2021	W	W	630.1	W	W
September 2021	W	W	669.8	W	W
October 2020	W	W	216.4	W	W
Alabama					
October 2021	-	W	-	W	W
September 2021	-	W	-	5,083.5	-
October 2020	W	W	-	5,300.8	-
Arkansas					
October 2021	-	W	-	3,390.3	-
September 2021	-	W	-	3,414.1	-
October 2020	-	-	-	3,223.4	-
Louisiana					
October 2021	-	W	-	W	W
September 2021	-	W	-	W	W
October 2020	-	W	-	W	W
Mississippi					
October 2021	-	-	W	W	-
September 2021	-	-	W	3,161.7	W
October 2020	-	-	-	W	W
New Mexico					
October 2021	W	W	W	W	-
September 2021	W	W	W	W	-
October 2020	412.7	417.0	W	W	-
Texas					
October 2021	W	W	W	W	764.6
September 2021	W	W	W	W	1,094.8
October 2020	W	W	W	18,788.1	1,278.3

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)					
Nebraska					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
North Dakota					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
Ohio					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
Oklahoma					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
South Dakota					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
Tennessee					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
Wisconsin					
October 2021	-	-	-	1,885.5	-
September 2021	-	-	-	1,935.3	-
October 2020	W	W	-	1,608.9	-
PAD District 3					
October 2021	-	-	-	W	W
September 2021	-	-	-	W	W
October 2020	W	W	-	W	W
Alabama					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
Arkansas					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
Louisiana					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	W	-
Mississippi					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
New Mexico					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
Texas					
October 2021	-	-	-	W	W
September 2021	-	-	-	W	W
October 2020	W	W	-	15,223.6	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)					
Nebraska					
October 2021	W	W	-	1,702.8	-
September 2021	W	W	-	1,838.0	-
October 2020	W	W	-	1,622.9	-
North Dakota					
October 2021	W	W	-	865.1	-
September 2021	W	W	-	1,042.0	-
October 2020	W	W	-	876.4	-
Ohio					
October 2021	W	19.5	-	11,888.3	-
September 2021	W	W	-	12,933.3	-
October 2020	W	W	-	W	W
Oklahoma					
October 2021	W	W	-	4,477.6	237.1
September 2021	W	W	-	4,417.2	328.3
October 2020	W	W	-	4,320.9	315.0
South Dakota					
October 2021	W	W	-	1,190.5	-
September 2021	W	W	-	1,308.3	-
October 2020	W	W	-	1,027.0	-
Tennessee					
October 2021	-	W	-	9,499.6	-
September 2021	-	W	-	9,890.1	-
October 2020	W	W	-	9,363.4	-
Wisconsin					
October 2021	-	W	-	5,990.8	-
September 2021	-	W	-	6,240.5	-
October 2020	W	W	-	5,643.5	-
PAD District 3					
October 2021	W	W	630.1	55,358.4	3,232.2
September 2021	W	W	669.8	55,373.7	3,760.7
October 2020	956.7	972.6	216.4	52,986.6	3,343.7
Alabama					
October 2021	-	W	-	W	W
September 2021	-	W	-	5,083.5	-
October 2020	W	W	-	5,300.8	-
Arkansas					
October 2021	-	W	-	3,390.3	-
September 2021	-	W	-	3,414.1	-
October 2020	-	-	-	3,223.4	-
Louisiana					
October 2021	-	W	-	W	W
September 2021	-	W	-	W	W
October 2020	-	W	-	W	W
Mississippi					
October 2021	-	-	W	W	-
September 2021	-	-	W	3,161.7	W
October 2020	-	-	-	W	W
New Mexico					
October 2021	W	W	W	W	-
September 2021	W	W	W	W	-
October 2020	412.7	417.0	W	W	-
Texas					
October 2021	W	W	W	36,044.6	W
September 2021	W	W	W	36,120.4	W
October 2020	W	W	W	34,011.6	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4					
October 2021	W	299.2	W	W	-
September 2021	W	314.2	W	W	-
October 2020	W	W	W	W	-
Colorado					
October 2021	W	W	-	5,505.2	-
September 2021	W	W	-	5,641.3	-
October 2020	214.8	219.1	W	W	-
Idaho					
October 2021	W	W	-	1,678.1	-
September 2021	W	W	-	1,838.1	-
October 2020	W	W	-	1,741.8	-
Montana					
October 2021	W	W	-	1,542.2	-
September 2021	W	W	-	1,703.2	-
October 2020	W	W	-	1,444.5	-
Utah					
October 2021	-	W	W	W	-
September 2021	-	W	W	W	-
October 2020	W	68.5	W	W	-
Wyoming					
October 2021	W	W	W	W	-
September 2021	W	7.3	W	W	-
October 2020	W	10.2	-	715.2	-
PAD District 5					
October 2021	W	W	W	W	115.7
September 2021	W	W	W	W	63.9
October 2020	1,159.6	1,189.2	W	W	W
Alaska					
October 2021	W	W	141.4	W	-
September 2021	W	W	W	602.5	-
October 2020	W	W	W	441.3	-
Arizona					
October 2021	-	W	W	1,897.5	-
September 2021	-	W	W	1,907.4	-
October 2020	W	W	W	1,722.5	-
California					
October 2021	-	-	-	W	W
September 2021	-	-	-	W	W
October 2020	-	-	-	W	W
Hawaii					
October 2021	W	W	W	W	W
September 2021	W	W	W	W	-
October 2020	W	W	W	W	W
Nevada					
October 2021	-	W	W	1,665.7	W
September 2021	-	W	W	W	-
October 2020	NA	NA	W	W	-
Oregon					
October 2021	W	W	W	3,507.0	W
September 2021	W	W	W	3,589.3	W
October 2020	86.2	86.2	703.9	3,231.3	-
Washington					
October 2021	NA	NA	W	5,720.7	W
September 2021	NA	NA	W	5,972.8	W
October 2020	334.4	340.0	W	5,314.4	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
Colorado					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
Idaho					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
Montana					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
Utah					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
Wyoming					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
PAD District 5					
October 2021	W	W	W	W	-
September 2021	W	W	W	W	W
October 2020	3,686.7	3,688.5	W	W	-
Alaska					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
Arizona					
October 2021	-	-	W	W	-
September 2021	-	-	W	W	-
October 2020	-	W	W	2,378.2	-
California					
October 2021	W	W	W	W	-
September 2021	W	W	W	W	W
October 2020	3,686.7	W	W	W	-
Hawaii					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
Nevada					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
Oregon					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-
Washington					
October 2021	-	-	-	-	-
September 2021	-	-	-	-	-
October 2020	-	-	-	-	-

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4					
October 2021	W	299.2	W	W	-
September 2021	W	314.2	W	W	-
October 2020	W	W	W	W	-
Colorado					
October 2021	W	W	-	5,505.2	-
September 2021	W	W	-	5,641.3	-
October 2020	214.8	219.1	W	W	-
Idaho					
October 2021	W	W	-	1,678.1	-
September 2021	W	W	-	1,838.1	-
October 2020	W	W	-	1,741.8	-
Montana					
October 2021	W	W	-	1,542.2	-
September 2021	W	W	-	1,703.2	-
October 2020	W	W	-	1,444.5	-
Utah					
October 2021	-	W	W	W	-
September 2021	-	W	W	W	-
October 2020	W	68.5	W	W	-
Wyoming					
October 2021	W	W	W	W	-
September 2021	W	7.3	W	W	-
October 2020	W	10.2	-	715.2	-
PAD District 5					
October 2021	2,148.0	2,164.9	18,505.2	32,242.1	115.7
September 2021	2,197.8	2,219.8	19,008.0	W	W
October 2020	4,846.3	4,877.6	16,509.2	W	W
Alaska					
October 2021	W	W	141.4	W	-
September 2021	W	W	W	602.5	-
October 2020	W	W	W	441.3	-
Arizona					
October 2021	-	W	W	W	-
September 2021	-	W	W	W	-
October 2020	W	W	1,265.3	4,100.7	-
California					
October 2021	W	W	W	16,020.7	W
September 2021	W	W	W	16,856.0	W
October 2020	3,686.7	3,687.7	W	15,801.6	W
Hawaii					
October 2021	W	W	W	W	W
September 2021	W	W	W	W	-
October 2020	W	W	W	W	W
Nevada					
October 2021	-	W	W	1,665.7	W
September 2021	-	W	W	W	-
October 2020	NA	NA	W	W	-
Oregon					
October 2021	W	W	W	3,507.0	W
September 2021	W	W	W	3,589.3	W
October 2020	86.2	86.2	703.9	3,231.3	-
Washington					
October 2021	NA	NA	W	5,720.7	W
September 2021	NA	NA	W	5,972.8	W
October 2020	334.4	340.0	W	5,314.4	W

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state
thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States										
October 2021	4.1	422.5	28,926.5	28,548.3	0.6	1,369.8	106.7	1,024.1	4,434.2	25,460.0
September 2021	W	463.3	30,829.1	28,821.0	0.6	867.6	79.8	496.8	5,220.4	23,460.4
October 2020	7.5	389.7	20,483.1	18,118.1	W	676.3	71.5	1,340.1	3,046.4	24,276.0
PAD District 1										
October 2021	1.2	132.5	3,848.4	6,892.5	W	698.8	-	W	-	3,276.7
September 2021	W	122.0	4,099.4	5,825.9	W	292.9	-	W	-	3,158.5
October 2020	W	110.5	2,335.0	2,672.0	4.8	457.1	-	W	-	3,568.4
Subdistrict 1A										
October 2021	W	W	355.0	479.5	-	-	-	-	-	254.6
September 2021	W	W	273.1	517.7	-	W	-	-	-	207.7
October 2020	W	W	98.0	241.9	W	-	-	-	-	333.9
Connecticut										
October 2021	-	-	W	W	-	-	-	-	-	W
September 2021	-	-	W	W	-	W	-	-	-	W
October 2020	-	-	W	W	-	-	-	-	-	W
Maine										
October 2021	-	W	W	W	-	-	-	-	-	W
September 2021	-	W	W	W	-	-	-	-	-	37.6
October 2020	W	W	W	W	-	-	-	-	-	W
Massachusetts										
October 2021	W	-	W	W	-	-	-	-	-	W
September 2021	W	-	W	444.9	-	-	-	-	-	W
October 2020	W	-	W	W	W	-	-	-	-	W
New Hampshire										
October 2021	-	-	W	W	-	-	-	-	-	NA
September 2021	-	-	W	-	-	-	-	-	-	W
October 2020	-	-	W	-	W	-	-	-	-	W
Rhode Island										
October 2021	-	-	W	W	-	-	-	-	-	W
September 2021	-	-	W	W	-	-	-	-	-	W
October 2020	-	-	W	W	W	-	-	-	-	W
Vermont										
October 2021	-	-	W	W	-	-	-	-	-	W
September 2021	-	-	W	W	-	-	-	-	-	W
October 2020	-	-	W	W	-	-	-	-	-	W
Subdistrict 1B										
October 2021	W	W	1,657.5	3,976.4	W	617.9	-	W	-	1,283.1
September 2021	W	W	1,748.4	3,514.0	W	243.5	-	W	-	1,260.4
October 2020	W	W	1,117.6	1,378.9	3.3	420.4	-	3.8	-	1,526.7
Delaware										
October 2021	-	-	-	-	-	W	-	-	-	W
September 2021	-	-	-	-	-	W	-	-	-	W
October 2020	-	-	-	-	W	W	-	-	-	W
District of Columbia										
October 2021	-	-	-	-	-	-	-	-	-	-
September 2021	-	-	-	-	-	-	-	-	-	-
October 2020	-	-	-	-	-	-	-	-	-	-
Maryland										
October 2021	-	-	W	60.4	-	W	-	-	-	W
September 2021	-	-	W	44.0	-	W	-	-	-	W
October 2020	-	-	W	33.3	-	W	-	-	-	W
New Jersey										
October 2021	-	W	549.1	2,529.1	-	W	-	-	-	225.5
September 2021	-	W	594.7	1,998.2	-	W	-	-	-	171.2
October 2020	-	-	314.4	1,180.0	W	W	-	-	-	221.5
New York										
October 2021	-	W	904.8	144.6	W	15.1	-	W	-	306.3
September 2021	W	W	967.6	62.0	W	W	-	W	-	291.4
October 2020	W	W	595.7	29.5	W	W	-	W	-	389.9
Pennsylvania										
October 2021	W	W	W	1,242.3	W	W	-	W	-	666.9
September 2021	-	W	W	1,409.9	W	W	-	W	-	664.1
October 2020	W	W	W	136.0	1.1	5.2	-	W	-	764.9

See footnotes at end of table.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C										
October 2021	W	87.0	1,835.8	2,436.7	-	80.9	-	W	-	1,739.0
September 2021	W	75.6	2,077.9	1,794.2	-	W	-	-	-	1,690.3
October 2020	W	W	1,119.4	1,051.2	W	36.6	-	W	-	1,707.8
Florida										
October 2021	W	W	W	2,056.8	-	-	-	-	-	296.8
September 2021	W	W	W	1,433.1	-	-	-	-	-	260.4
October 2020	-	W	735.2	755.2	W	-	-	-	-	287.5
Georgia										
October 2021	-	W	W	85.4	-	W	-	W	-	358.5
September 2021	W	W	W	W	-	W	-	-	-	339.3
October 2020	W	W	W	W	-	W	-	W	-	374.0
North Carolina										
October 2021	-	W	W	127.3	-	39.4	-	-	-	530.6
September 2021	-	W	W	114.0	-	25.8	-	-	-	527.6
October 2020	-	-	29.3	106.4	W	34.0	-	-	-	528.5
South Carolina										
October 2021	-	-	W	87.1	-	W	-	-	-	378.2
September 2021	-	-	W	73.4	-	W	-	-	-	328.8
October 2020	-	-	W	55.4	W	-	-	-	-	339.9
Virginia										
October 2021	-	W	203.5	W	-	W	-	-	-	45.5
September 2021	-	W	297.3	110.1	-	W	-	-	-	W
October 2020	-	W	220.9	79.8	-	W	-	-	-	W
West Virginia										
October 2021	-	-	-	W	-	-	-	-	-	129.5
September 2021	-	-	-	W	-	-	-	-	-	W
October 2020	-	-	-	W	W	-	-	-	-	W
PAD District 2										
October 2021	W	90.9	6,363.1	4,282.6	W	W	W	492.6	W	10,380.9
September 2021	W	108.5	6,363.5	4,549.6	W	W	W	152.7	W	9,064.7
October 2020	W	W	5,557.4	2,559.1	W	W	16.0	840.0	W	10,555.8
Illinois										
October 2021	-	W	1,814.1	W	-	W	W	12.5	-	1,820.7
September 2021	W	W	1,767.2	W	-	W	W	W	-	1,784.7
October 2020	-	W	1,350.9	W	W	W	W	14.1	-	1,886.0
Indiana										
October 2021	-	-	689.7	193.2	-	5.6	-	W	-	449.7
September 2021	-	-	767.3	198.8	-	W	-	W	-	423.2
October 2020	-	-	565.1	147.1	W	6.0	-	W	-	613.2
Iowa										
October 2021	-	-	W	W	-	-	-	48.8	W	W
September 2021	-	-	W	W	-	-	-	20.3	-	W
October 2020	-	-	21.3	W	-	-	-	66.0	W	W
Kansas										
October 2021	W	W	W	W	-	W	-	55.9	-	2,894.5
September 2021	W	W	W	W	-	W	-	17.6	-	2,018.8
October 2020	W	W	W	W	-	W	W	84.0	-	3,237.0
Kentucky										
October 2021	W	W	W	424.5	-	W	-	W	-	454.2
September 2021	W	W	W	415.2	-	W	W	W	-	479.5
October 2020	W	W	W	233.4	W	W	-	W	-	470.8
Michigan										
October 2021	-	-	216.4	485.1	-	W	W	6.8	-	557.8
September 2021	-	-	W	548.7	-	W	W	W	-	523.6
October 2020	W	-	116.2	219.2	W	W	W	6.5	-	629.9
Minnesota										
October 2021	W	W	W	706.0	W	W	W	83.7	W	472.3
September 2021	W	W	W	739.5	W	W	W	39.4	W	325.7
October 2020	W	W	W	503.1	W	W	W	198.9	W	702.4
Missouri										
October 2021	W	W	W	W	-	W	W	1.2	-	279.9
September 2021	W	-	W	W	-	-	W	W	W	289.6
October 2020	W	-	W	W	-	W	W	4.4	-	269.6

See footnotes at end of table.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)										
Nebraska										
October 2021	W	-	W	W	-	-	-	45.9	W	W
September 2021	W	-	W	W	-	-	-	W	W	W
October 2020	W	-	W	W	-	-	W	62.3	W	W
North Dakota										
October 2021	-	-	W	W	W	W	W	106.2	W	616.8
September 2021	-	-	W	W	-	-	W	21.7	W	603.8
October 2020	-	-	W	W	W	W	W	181.1	W	478.9
Ohio										
October 2021	-	W	404.0	408.8	-	W	-	W	-	1,290.4
September 2021	W	W	434.0	393.0	-	W	-	W	-	1,389.7
October 2020	W	-	310.9	234.0	W	W	-	W	-	738.0
Oklahoma										
October 2021	W	-	W	426.7	-	W	-	58.1	W	276.4
September 2021	W	W	W	474.4	-	W	-	W	W	248.5
October 2020	W	-	W	240.9	-	W	-	W	W	279.8
South Dakota										
October 2021	-	-	W	-	-	-	W	34.5	W	W
September 2021	-	-	W	-	-	-	W	W	W	W
October 2020	W	-	W	-	-	-	W	74.3	W	W
Tennessee										
October 2021	W	W	W	169.3	-	W	-	W	-	172.9
September 2021	W	W	W	169.6	-	W	-	W	-	163.5
October 2020	-	W	W	136.8	W	W	-	W	-	143.0
Wisconsin										
October 2021	-	-	53.8	W	-	W	W	W	NA	470.4
September 2021	-	-	51.8	W	-	-	W	W	W	386.7
October 2020	-	-	W	W	W	W	W	43.3	W	492.5
PAD District 3										
October 2021	W	129.5	8,103.1	8,958.3	-	620.1	-	W	4,263.4	9,228.0
September 2021	W	133.0	8,475.1	9,518.9	-	546.2	-	W	5,102.6	8,821.5
October 2020	W	128.9	4,623.1	6,785.3	-	149.2	-	W	2,855.3	7,814.9
Alabama										
October 2021	-	W	65.9	94.3	-	W	-	-	-	248.3
September 2021	-	W	84.3	93.8	-	W	-	-	-	189.5
October 2020	-	W	43.0	65.6	-	W	-	-	-	216.9
Arkansas										
October 2021	W	W	W	16.3	-	-	-	-	-	W
September 2021	W	-	W	W	-	-	-	-	-	W
October 2020	-	-	W	W	-	-	-	-	-	W
Louisiana										
October 2021	W	W	1,484.9	2,347.8	-	W	-	W	W	435.8
September 2021	W	W	1,564.8	2,459.0	-	W	-	W	W	359.9
October 2020	-	W	241.8	1,129.9	-	W	-	W	W	142.6
Mississippi										
October 2021	-	W	W	229.9	-	W	-	-	-	349.7
September 2021	-	W	1,276.1	560.6	-	W	-	-	-	372.0
October 2020	-	W	305.4	190.0	-	W	-	-	-	485.2
New Mexico										
October 2021	W	-	W	83.2	-	-	-	-	-	W
September 2021	W	-	W	W	-	-	-	-	-	W
October 2020	W	-	W	W	-	-	-	-	-	W
Texas										
October 2021	W	W	5,855.8	6,186.8	-	W	-	-	W	8,089.2
September 2021	W	123.1	5,492.3	6,337.0	-	W	-	W	W	7,773.7
October 2020	W	W	4,005.7	5,306.1	-	W	-	-	W	6,831.6

See footnotes at end of table.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4										
October 2021	W	W	667.4	1,207.3	-	-	W	124.2	W	969.8
September 2021	W	W	1,024.7	1,417.8	-	-	W	34.0	W	942.7
October 2020	W	W	631.5	658.4	-	-	W	162.1	W	849.6
Colorado										
October 2021	W	-	340.9	815.0	-	-	W	34.0	-	352.7
September 2021	W	-	336.0	930.6	-	-	-	8.7	-	340.2
October 2020	W	-	W	363.0	-	-	W	28.3	-	339.4
Idaho										
October 2021	-	-	W	16.1	-	-	W	W	W	W
September 2021	-	-	W	29.6	-	-	W	W	W	W
October 2020	-	-	W	24.1	-	-	W	9.7	W	W
Montana										
October 2021	W	W	W	W	-	-	W	37.5	W	130.2
September 2021	W	W	W	W	-	-	W	12.7	W	115.9
October 2020	W	W	W	W	-	-	W	62.5	W	116.6
Utah										
October 2021	-	W	146.7	264.5	-	-	W	W	-	W
September 2021	-	W	468.8	322.0	-	-	W	W	-	W
October 2020	-	W	364.6	207.8	-	-	-	19.3	-	W
Wyoming										
October 2021	-	-	W	W	-	-	-	26.8	-	400.0
September 2021	W	-	110.6	W	-	-	-	7.1	-	381.2
October 2020	-	-	34.9	W	-	-	-	42.3	-	309.2
PAD District 5										
October 2021	W	W	9,944.5	7,207.6	NA	W	W	402.5	W	1,604.6
September 2021	W	W	10,866.4	7,508.9	W	W	W	239.1	W	1,473.0
October 2020	W	W	7,336.2	5,443.3	W	W	W	332.9	W	1,487.4
Alaska										
October 2021	-	W	W	W	-	-	W	W	W	W
September 2021	-	W	W	W	-	-	W	W	W	W
October 2020	W	W	W	W	-	-	W	W	W	W
Arizona										
October 2021	W	W	131.5	255.3	-	-	-	-	-	103.7
September 2021	W	W	105.7	240.7	-	-	-	-	-	97.7
October 2020	W	W	W	153.8	-	-	-	-	-	120.9
California										
October 2021	W	27.8	5,488.0	5,330.5	-	W	-	-	-	1,056.1
September 2021	W	41.4	6,129.6	5,765.4	-	W	-	-	-	986.1
October 2020	W	W	3,791.7	4,058.0	W	W	-	-	-	968.1
Hawaii										
October 2021	-	-	W	W	-	-	-	-	-	W
September 2021	-	-	W	W	-	-	-	-	-	W
October 2020	-	-	W	W	-	-	-	-	-	W
Nevada										
October 2021	-	-	W	246.4	-	-	-	-	-	-
September 2021	-	-	W	W	-	-	-	-	-	W
October 2020	-	-	W	W	-	-	-	-	-	W
Oregon										
October 2021	-	W	292.8	W	-	-	-	W	W	W
September 2021	-	W	373.7	W	-	-	-	W	W	W
October 2020	-	W	217.6	83.0	-	-	-	W	W	22.7
Washington										
October 2021	-	W	1,870.5	361.2	NA	-	W	W	W	400.3
September 2021	-	W	1,649.2	311.9	W	-	W	W	W	346.1
October 2020	-	W	1,030.9	520.7	W	-	W	W	W	325.2

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
October 2021	W	153,381.2	-	-	W	948.6
September 2021	W	153,552.8	-	-	W	1,051.0
October 2020	9,195.8	149,640.3	W	-	W	1,094.5
PAD District 1						
October 2021	813.0	W	-	-	-	W
September 2021	913.5	29,385.9	-	-	-	W
October 2020	W	W	-	-	-	W
Subdistrict 1A						
October 2021	W	1,450.4	-	-	-	-
September 2021	W	W	-	-	-	-
October 2020	W	1,175.5	-	-	-	-
Connecticut						
October 2021	W	679.5	-	-	-	-
September 2021	W	W	-	-	-	-
October 2020	W	W	-	-	-	-
Maine						
October 2021	-	W	-	-	-	-
September 2021	-	W	-	-	-	-
October 2020	-	W	-	-	-	-
Massachusetts						
October 2021	-	269.4	-	-	-	-
September 2021	-	W	-	-	-	-
October 2020	W	W	-	-	-	-
New Hampshire						
October 2021	-	W	-	-	-	-
September 2021	-	W	-	-	-	-
October 2020	W	W	-	-	-	-
Rhode Island						
October 2021	-	W	-	-	-	-
September 2021	-	W	-	-	-	-
October 2020	W	W	-	-	-	-
Vermont						
October 2021	-	W	-	-	-	-
September 2021	-	W	-	-	-	-
October 2020	-	W	-	-	-	-
Subdistrict 1B						
October 2021	W	W	-	-	-	W
September 2021	W	W	-	-	-	W
October 2020	W	W	-	-	-	W
Delaware						
October 2021	W	W	-	-	-	-
September 2021	W	W	-	-	-	-
October 2020	W	W	-	-	-	-
District of Columbia						
October 2021	-	W	-	-	-	-
September 2021	-	W	-	-	-	-
October 2020	-	W	-	-	-	-
Maryland						
October 2021	-	1,165.7	-	-	-	-
September 2021	-	1,193.2	-	-	-	-
October 2020	W	1,053.3	-	-	-	-
New Jersey						
October 2021	W	W	-	-	-	W
September 2021	W	W	-	-	-	W
October 2020	W	W	-	-	-	W
New York						
October 2021	60.0	W	-	-	-	W
September 2021	69.7	W	-	-	-	W
October 2020	154.7	W	-	-	-	W
Pennsylvania						
October 2021	229.7	3,894.1	-	-	-	-
September 2021	239.6	4,172.9	-	-	-	-
October 2020	248.0	W	-	-	-	-

See footnotes at end of table.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
October 2021	W	15,512.3	-	-	-	-
September 2021	W	15,322.8	-	-	-	-
October 2020	757.8	15,738.5	-	-	-	-
Florida						
October 2021	153.2	5,263.7	-	-	-	-
September 2021	138.1	W	-	-	-	-
October 2020	269.0	4,759.5	-	-	-	-
Georgia						
October 2021	117.2	2,677.4	-	-	-	-
September 2021	137.6	2,498.2	-	-	-	-
October 2020	41.7	2,772.3	-	-	-	-
North Carolina						
October 2021	85.8	W	-	-	-	-
September 2021	101.1	W	-	-	-	-
October 2020	216.4	W	-	-	-	-
South Carolina						
October 2021	W	1,527.0	-	-	-	-
September 2021	W	1,496.5	-	-	-	-
October 2020	W	1,698.3	-	-	-	-
Virginia						
October 2021	5.6	W	-	-	-	-
September 2021	5.9	W	-	-	-	-
October 2020	6.2	W	-	-	-	-
West Virginia						
October 2021	W	W	-	-	-	-
September 2021	W	W	-	-	-	-
October 2020	W	W	-	-	-	-
PAD District 2						
October 2021	W	W	-	-	-	-
September 2021	W	48,585.1	-	-	-	-
October 2020	W	W	-	-	-	-
Illinois						
October 2021	87.1	6,441.1	-	-	-	-
September 2021	86.7	6,622.3	-	-	-	-
October 2020	126.3	7,460.7	-	-	-	-
Indiana						
October 2021	W	3,821.7	-	-	-	-
September 2021	W	3,962.3	-	-	-	-
October 2020	192.3	4,286.0	-	-	-	-
Iowa						
October 2021	34.5	2,445.0	-	-	-	-
September 2021	32.3	2,257.5	-	-	-	-
October 2020	W	2,522.7	-	-	-	-
Kansas						
October 2021	690.3	3,833.3	-	-	-	-
September 2021	W	3,898.2	-	-	-	-
October 2020	398.7	3,367.4	-	-	-	-
Kentucky						
October 2021	W	2,135.9	-	-	-	-
September 2021	W	2,147.9	-	-	-	-
October 2020	342.3	1,710.9	-	-	-	-
Michigan						
October 2021	W	W	-	-	-	-
September 2021	W	W	-	-	-	-
October 2020	154.9	W	-	-	-	-
Minnesota						
October 2021	446.6	W	-	-	-	-
September 2021	232.9	W	-	-	-	-
October 2020	313.9	W	-	-	-	-
Missouri						
October 2021	1.4	1,716.8	-	-	-	-
September 2021	1.5	1,957.9	-	-	-	-
October 2020	1.3	1,878.2	-	-	-	-

See footnotes at end of table.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
October 2021	330.6	1,736.6	-	-	-	-
September 2021	304.4	1,644.0	-	-	-	-
October 2020	421.2	1,650.5	-	-	-	-
North Dakota						
October 2021	W	1,270.1	-	-	-	-
September 2021	274.3	1,363.4	-	-	-	-
October 2020	W	1,032.3	-	-	-	-
Ohio						
October 2021	W	W	-	-	-	-
September 2021	W	6,020.2	-	-	-	-
October 2020	400.5	5,448.3	-	-	-	-
Oklahoma						
October 2021	109.3	6,661.4	-	-	-	-
September 2021	169.8	5,442.6	-	-	-	-
October 2020	152.7	5,953.9	-	-	-	-
South Dakota						
October 2021	W	881.8	-	-	-	-
September 2021	W	802.9	-	-	-	-
October 2020	88.0	924.3	-	-	-	-
Tennessee						
October 2021	188.4	3,451.1	-	-	-	-
September 2021	198.5	3,631.6	-	-	-	-
October 2020	180.5	3,709.0	-	-	-	-
Wisconsin						
October 2021	W	W	-	-	-	-
September 2021	W	W	-	-	-	-
October 2020	W	W	-	-	-	-
PAD District 3						
October 2021	1,716.6	50,380.7	-	-	-	179.5
September 2021	1,727.6	49,882.4	-	-	-	292.6
October 2020	1,702.9	45,007.4	-	-	-	558.1
Alabama						
October 2021	166.0	1,816.8	-	-	-	-
September 2021	189.0	1,967.6	-	-	-	-
October 2020	138.5	1,873.5	-	-	-	-
Arkansas						
October 2021	W	1,904.7	-	-	-	-
September 2021	W	1,852.2	-	-	-	-
October 2020	W	1,661.7	-	-	-	-
Louisiana						
October 2021	W	W	-	-	-	W
September 2021	W	W	-	-	-	W
October 2020	W	W	-	-	-	W
Mississippi						
October 2021	6.1	2,966.5	-	-	-	-
September 2021	38.4	2,548.2	-	-	-	-
October 2020	14.5	W	-	-	-	-
New Mexico						
October 2021	31.6	1,324.5	-	-	-	-
September 2021	33.8	1,418.7	-	-	-	-
October 2020	101.4	1,267.4	-	-	-	-
Texas						
October 2021	1,358.3	W	-	-	-	W
September 2021	1,341.9	W	-	-	-	W
October 2020	1,272.1	W	-	-	-	W

See footnotes at end of table.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
October 2021	W	7,045.1	-	-	-	-
September 2021	W	7,123.6	-	-	-	-
October 2020	W	6,717.3	-	-	-	-
Colorado						
October 2021	205.7	2,177.7	-	-	-	-
September 2021	226.2	2,018.6	-	-	-	-
October 2020	213.5	1,979.5	-	-	-	-
Idaho						
October 2021	W	925.1	-	-	-	-
September 2021	W	1,069.8	-	-	-	-
October 2020	W	962.2	-	-	-	-
Montana						
October 2021	186.6	1,184.5	-	-	-	-
September 2021	188.7	1,197.0	-	-	-	-
October 2020	219.7	1,053.4	-	-	-	-
Utah						
October 2021	W	1,887.2	-	-	-	-
September 2021	W	1,899.1	-	-	-	-
October 2020	W	1,812.3	-	-	-	-
Wyoming						
October 2021	237.3	870.6	-	-	-	-
September 2021	233.8	939.0	-	-	-	-
October 2020	189.2	910.0	-	-	-	-
PAD District 5						
October 2021	W	W	-	-	W	W
September 2021	W	18,575.8	-	-	W	W
October 2020	W	W	W	-	W	W
Alaska						
October 2021	W	W	-	-	-	-
September 2021	W	W	-	-	-	-
October 2020	W	W	-	-	-	-
Arizona						
October 2021	327.9	1,268.9	-	-	-	-
September 2021	338.7	1,137.2	-	-	-	-
October 2020	384.8	908.7	-	-	-	-
California						
October 2021	700.1	W	-	-	-	W
September 2021	894.0	W	-	-	-	W
October 2020	1,079.1	W	-	-	-	W
Hawaii						
October 2021	W	W	-	-	W	W
September 2021	W	W	-	-	W	W
October 2020	W	W	W	-	W	W
Nevada						
October 2021	W	513.6	-	-	-	-
September 2021	W	456.6	-	-	-	-
October 2020	W	457.5	-	-	-	-
Oregon						
October 2021	18.1	2,067.3	-	-	-	-
September 2021	21.9	2,309.7	-	-	-	-
October 2020	22.9	2,104.2	-	-	-	-
Washington						
October 2021	W	W	-	-	-	W
September 2021	W	W	-	-	-	W
October 2020	W	W	-	-	-	W

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States				
October 2021	95.4	5,666.9	7,979.0	159,996.7
September 2021	99.2	4,096.6	8,286.5	158,700.3
October 2020	146.7	6,630.5	9,886.0	157,365.3
PAD District 1				
October 2021	-	3,668.0	813.0	33,619.2
September 2021	-	W	913.5	32,401.6
October 2020	W	3,406.6	1,317.1	31,485.0
Subdistrict 1A				
October 2021	-	1,160.8	W	2,611.3
September 2021	-	W	W	2,114.5
October 2020	-	727.2	W	1,902.7
Connecticut				
October 2021	-	391.8	W	1,071.3
September 2021	-	W	W	1,074.6
October 2020	-	W	W	926.3
Maine				
October 2021	-	W	-	172.9
September 2021	-	W	-	185.4
October 2020	-	W	-	155.3
Massachusetts				
October 2021	-	94.1	-	363.5
September 2021	-	W	-	408.9
October 2020	-	W	W	309.8
New Hampshire				
October 2021	-	W	-	W
September 2021	-	W	-	W
October 2020	-	W	W	W
Rhode Island				
October 2021	-	W	-	795.4
September 2021	-	W	-	286.3
October 2020	-	W	W	310.0
Vermont				
October 2021	-	W	-	W
September 2021	-	W	-	W
October 2020	-	W	-	W
Subdistrict 1B				
October 2021	-	2,462.9	W	15,451.3
September 2021	-	2,140.5	W	14,789.5
October 2020	W	2,642.5	W	13,806.9
Delaware				
October 2021	-	W	W	W
September 2021	-	W	W	W
October 2020	-	W	W	W
District of Columbia				
October 2021	-	-	-	W
September 2021	-	-	-	W
October 2020	-	-	-	W
Maryland				
October 2021	-	W	-	1,303.5
September 2021	-	W	-	1,250.8
October 2020	W	71.1	W	1,124.4
New Jersey				
October 2021	-	1,806.2	W	8,282.9
September 2021	-	1,415.1	W	7,210.1
October 2020	W	1,737.5	122.4	6,842.0
New York				
October 2021	-	245.3	60.0	1,457.9
September 2021	-	262.6	69.7	1,426.4
October 2020	-	324.6	154.7	1,408.3
Pennsylvania				
October 2021	-	256.4	229.7	4,150.5
September 2021	-	379.4	239.6	4,552.3
October 2020	-	W	248.0	4,167.8

See footnotes at end of table.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C				
October 2021	-	44.3	509.2	15,556.6
September 2021	-	174.8	584.7	15,497.6
October 2020	-	37.0	757.8	15,775.4
Florida				
October 2021	-	-	153.2	5,263.7
September 2021	-	W	138.1	5,132.0
October 2020	-	-	269.0	4,759.5
Georgia				
October 2021	-	-	117.2	2,677.4
September 2021	-	-	137.6	2,498.2
October 2020	-	-	41.7	2,772.3
North Carolina				
October 2021	-	W	85.8	3,289.5
September 2021	-	W	101.1	3,279.5
October 2020	-	W	216.4	3,333.6
South Carolina				
October 2021	-	-	W	1,527.0
September 2021	-	-	W	1,496.5
October 2020	-	-	W	1,698.3
Virginia				
October 2021	-	W	5.6	2,276.5
September 2021	-	W	5.9	2,437.9
October 2020	-	W	W	2,480.7
West Virginia				
October 2021	-	W	W	522.5
September 2021	-	W	W	653.6
October 2020	-	W	185.4	731.0
PAD District 2				
October 2021	W	W	2,858.1	48,991.9
September 2021	W	4.4	2,738.2	48,589.5
October 2020	W	W	3,236.8	48,983.4
Illinois				
October 2021	-	-	87.1	6,441.1
September 2021	-	-	86.7	6,622.3
October 2020	-	-	126.3	7,460.7
Indiana				
October 2021	-	-	W	3,821.7
September 2021	-	-	W	3,962.3
October 2020	-	-	192.3	4,286.0
Iowa				
October 2021	-	-	34.5	2,445.0
September 2021	-	-	32.3	2,257.5
October 2020	-	-	W	2,522.7
Kansas				
October 2021	-	-	690.3	3,833.3
September 2021	-	-	W	3,898.2
October 2020	-	-	398.7	3,367.4
Kentucky				
October 2021	-	-	W	2,135.9
September 2021	-	-	W	2,147.9
October 2020	-	-	342.3	1,710.9
Michigan				
October 2021	-	W	W	2,999.9
September 2021	-	W	W	2,964.4
October 2020	-	W	154.9	2,945.8
Minnesota				
October 2021	-	W	446.6	3,311.9
September 2021	-	W	232.9	3,189.2
October 2020	-	W	313.9	3,390.1
Missouri				
October 2021	-	-	1.4	1,716.8
September 2021	-	-	1.5	1,957.9
October 2020	-	-	1.3	1,878.2

See footnotes at end of table.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)				
Nebraska				
October 2021	-	-	330.6	1,736.6
September 2021	-	-	304.4	1,644.0
October 2020	-	-	421.2	1,650.5
North Dakota				
October 2021	-	-	W	1,270.1
September 2021	-	-	274.3	1,363.4
October 2020	-	-	W	1,032.3
Ohio				
October 2021	-	W	W	5,684.8
September 2021	-	-	W	6,020.2
October 2020	-	-	400.5	5,448.3
Oklahoma				
October 2021	-	-	109.3	6,661.4
September 2021	-	-	169.8	5,442.6
October 2020	-	-	152.7	5,953.9
South Dakota				
October 2021	W	-	W	881.8
September 2021	W	-	W	802.9
October 2020	W	-	W	924.3
Tennessee				
October 2021	-	-	188.4	3,451.1
September 2021	-	-	198.5	3,631.6
October 2020	-	-	180.5	3,709.0
Wisconsin				
October 2021	W	W	27.2	2,600.6
September 2021	W	W	23.0	2,685.2
October 2020	W	W	38.7	2,703.4
PAD District 3				
October 2021	-	1,975.2	1,716.6	52,535.4
September 2021	-	1,260.3	1,727.6	51,435.3
October 2020	-	3,116.5	1,702.9	48,682.0
Alabama				
October 2021	-	-	166.0	1,816.8
September 2021	-	-	189.0	1,967.6
October 2020	-	-	138.5	1,873.5
Arkansas				
October 2021	-	-	W	1,904.7
September 2021	-	-	W	1,852.2
October 2020	-	-	W	1,661.7
Louisiana				
October 2021	-	1,058.6	W	10,755.1
September 2021	-	257.2	W	8,552.3
October 2020	-	W	W	9,379.3
Mississippi				
October 2021	-	-	6.1	2,966.5
September 2021	-	-	38.4	2,548.2
October 2020	-	W	14.5	2,379.8
New Mexico				
October 2021	-	-	31.6	1,324.5
September 2021	-	-	33.8	1,418.7
October 2020	-	-	101.4	1,267.4
Texas				
October 2021	-	916.6	1,358.3	33,767.7
September 2021	-	1,003.1	1,341.9	35,096.3
October 2020	-	2,269.6	1,272.1	32,120.4

See footnotes at end of table.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4				
October 2021	W	-	960.1	7,045.1
September 2021	W	-	989.1	7,123.6
October 2020	W	-	970.1	6,717.3
Colorado				
October 2021	-	-	205.7	2,177.7
September 2021	-	-	226.2	2,018.6
October 2020	-	-	213.5	1,979.5
Idaho				
October 2021	W	-	W	925.1
September 2021	W	-	W	1,069.8
October 2020	W	-	49.9	962.2
Montana				
October 2021	-	-	186.6	1,184.5
September 2021	-	-	W	1,197.0
October 2020	-	-	219.7	1,053.4
Utah				
October 2021	W	-	W	1,887.2
September 2021	W	-	304.9	1,899.1
October 2020	W	-	297.8	1,812.3
Wyoming				
October 2021	-	-	237.3	870.6
September 2021	-	-	233.8	939.0
October 2020	-	-	189.2	910.0
PAD District 5				
October 2021	W	W	1,631.3	17,805.1
September 2021	W	W	1,918.1	19,150.3
October 2020	W	W	2,659.1	21,497.5
Alaska				
October 2021	W	W	W	W
September 2021	W	W	W	W
October 2020	W	W	W	W
Arizona				
October 2021	-	-	327.9	1,268.9
September 2021	-	-	338.7	1,137.2
October 2020	-	-	384.8	908.7
California				
October 2021	-	NA	700.1	9,979.8
September 2021	-	-	894.0	10,812.3
October 2020	-	-	1,079.1	14,066.3
Hawaii				
October 2021	-	-	W	W
September 2021	-	-	W	W
October 2020	-	-	W	W
Nevada				
October 2021	W	-	W	513.6
September 2021	W	-	W	456.6
October 2020	W	-	W	457.5
Oregon				
October 2021	-	-	18.1	2,067.3
September 2021	-	-	21.9	2,309.7
October 2020	-	-	22.9	2,104.2
Washington				
October 2021	W	-	160.4	3,687.4
September 2021	W	-	208.0	3,856.6
October 2020	W	-	229.1	3,528.1

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 44. Refiner residual fuel oil and no. 4 fuel volumes by PAD District

thousand gallons per day

Geographic area month	Residual fuel oil						No. 4 fuel[a]	
	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total		Sales to end users	Sales for resale
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale		
United States								
October 2021	W	3,624.6	W	2,084.8	2,008.0	5,709.5	-	W
September 2021	W	2,598.3	W	2,320.5	1,843.9	4,918.8	-	W
October 2020	W	3,146.1	W	2,652.1	2,917.8	5,798.2	-	W
PAD District 1								
October 2021	W	W	-	W	W	W	-	-
September 2021	W	W	-	W	W	1,936.9	-	-
October 2020	W	W	-	W	W	1,850.4	-	-
Subdistrict 1A								
October 2021	-	-	-	-	-	-	-	-
September 2021	-	-	-	-	-	-	-	-
October 2020	-	-	-	-	-	-	-	-
Subdistrict 1B								
October 2021	W	W	-	W	W	W	-	-
September 2021	W	W	-	W	W	1,936.9	-	-
October 2020	W	W	-	W	W	1,850.4	-	-
Subdistrict 1C								
October 2021	-	-	-	-	-	-	-	-
September 2021	-	-	-	-	-	-	-	-
October 2020	-	-	-	-	-	-	-	-
PAD District 2								
October 2021	-	-	W	-	W	-	-	-
September 2021	-	-	W	-	W	-	-	-
October 2020	-	-	W	-	W	-	-	-
PAD District 3								
October 2021	W	1,276.0	W	964.3	W	2,240.3	-	W
September 2021	W	858.9	W	941.9	W	1,800.8	-	W
October 2020	W	1,022.1	W	1,292.1	W	2,314.2	-	W
PAD District 4								
October 2021	-	W	-	-	-	W	-	-
September 2021	-	W	-	-	-	W	-	-
October 2020	-	NA	-	-	-	NA	-	-
PAD District 5								
October 2021	W	W	607.4	W	W	992.8	-	-
September 2021	W	W	W	W	1,606.2	W	-	-
October 2020	W	W	999.2	W	W	1,620.0	-	-

- = No data reported.

W = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Prime Supplier Sales Volumes of Petroleum Products for Local Consumption

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state
thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
United States						
October 2021	211,032.3	94,618.8	305,651.0	2,673.5	1,331.7	4,005.2
September 2021	213,353.5	95,087.2	308,440.8	2,767.6	1,402.1	4,169.8
October 2020	201,087.6	89,091.9	290,179.5	3,303.1	1,739.6	5,042.7
PAD District 1						
October 2021	65,464.3	37,426.7	102,891.0	989.7	474.7	1,464.5
September 2021	64,857.5	36,942.1	101,799.6	1,026.1	522.8	1,549.0
October 2020	62,302.4	34,628.5	96,930.9	1,277.0	590.2	1,867.2
Subdistrict 1A						
October 2021	1,671.8	11,787.9	13,459.7	19.6	147.4	166.9
September 2021	1,646.0	11,657.4	13,303.3	21.5	161.1	182.6
October 2020	1,585.2	11,217.7	12,802.8	21.8	181.0	202.8
Connecticut						
October 2021	-	3,215.2	3,215.2	-	37.3	37.3
September 2021	-	3,140.9	3,140.9	-	38.3	38.3
October 2020	-	3,108.9	3,108.9	-	33.5	33.5
Maine						
October 2021	664.8	1,026.3	1,691.2	13.8	12.8	26.5
September 2021	648.3	1,033.2	1,681.5	15.5	15.6	31.1
October 2020	628.7	998.8	1,627.5	12.8	11.6	24.4
Massachusetts						
October 2021	-	5,140.1	5,140.1	-	72.9	72.9
September 2021	-	5,076.7	5,076.7	-	79.4	79.4
October 2020	-	4,827.9	4,827.9	-	103.3	103.3
New Hampshire						
October 2021	319.3	1,049.2	1,368.4	1.3	9.4	10.6
September 2021	320.1	1,024.7	1,344.8	1.2	12.0	13.2
October 2020	304.0	979.4	1,283.4	3.5	11.8	15.4
Rhode Island						
October 2021	-	1,357.2	1,357.2	-	15.1	15.1
September 2021	-	1,381.9	1,381.9	-	15.7	15.7
October 2020	-	1,302.8	1,302.8	-	20.8	20.8
Vermont						
October 2021	687.7	-	687.7	4.5	-	4.5
September 2021	677.6	-	677.6	4.8	-	4.8
October 2020	652.4	-	652.4	5.5	-	5.5
Subdistrict 1B						
October 2021	12,096.9	22,032.6	34,129.5	82.3	287.3	369.6
September 2021	12,459.3	21,639.8	34,099.1	98.6	315.1	413.7
October 2020	12,070.8	20,107.4	32,178.2	145.5	363.5	509.0
Delaware						
October 2021	-	1,267.8	1,267.8	-	9.5	9.5
September 2021	-	1,234.0	1,234.0	-	11.5	11.5
October 2020	-	953.2	953.2	-	7.9	7.9
District of Columbia						
October 2021	-	136.6	136.6	-	2.1	2.1
September 2021	-	154.0	154.0	-	2.7	2.7
October 2020	-	136.6	136.6	-	2.0	2.0
Maryland						
October 2021	603.3	3,679.0	4,282.3	5.6	35.1	40.7
September 2021	627.5	3,727.7	4,355.2	7.6	48.1	55.8
October 2020	568.8	3,356.4	3,925.2	6.2	36.3	42.5
New Jersey						
October 2021	-	8,138.4	8,138.4	-	91.4	91.4
September 2021	-	7,943.6	7,943.6	-	97.9	97.9
October 2020	-	7,372.1	7,372.1	-	102.4	102.4
New York						
October 2021	5,383.0	6,572.1	11,955.1	43.9	138.5	182.5
September 2021	5,609.1	6,352.2	11,961.3	56.2	144.6	200.8
October 2020	5,166.8	6,127.4	11,294.2	84.5	191.8	276.3
Pennsylvania						
October 2021	6,110.7	2,238.7	8,349.5	32.8	10.6	43.4
September 2021	6,222.8	2,228.2	8,451.0	34.8	10.2	45.0
October 2020	6,335.3	2,161.7	8,497.0	54.8	23.1	77.9

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
United States						
October 2021	24,769.0	19,622.9	44,391.9	238,474.8	115,573.4	354,048.1
September 2021	26,057.9	20,232.4	46,290.3	242,179.1	116,721.8	358,900.9
October 2020	25,024.8	19,378.5	44,403.3	229,415.5	110,210.0	339,625.5
PAD District 1						
October 2021	8,216.8	7,078.2	15,295.0	74,670.9	44,979.6	119,650.5
September 2021	8,494.6	7,198.4	15,693.1	74,378.2	44,663.4	119,041.6
October 2020	8,141.3	6,799.2	14,940.5	71,720.7	42,018.0	113,738.6
Subdistrict 1A						
October 2021	137.8	1,935.5	2,073.2	1,829.2	13,870.7	15,699.9
September 2021	139.4	1,966.0	2,105.5	1,806.9	13,784.5	15,591.4
October 2020	118.2	1,908.1	2,026.3	1,725.2	13,306.8	15,032.0
Connecticut						
October 2021	-	624.8	624.8	-	3,877.3	3,877.3
September 2021	-	616.1	616.1	-	3,795.3	3,795.3
October 2020	-	620.0	620.0	-	3,762.3	3,762.3
Maine						
October 2021	33.6	93.5	127.0	712.2	1,132.5	1,844.7
September 2021	32.0	104.8	136.7	695.8	1,153.6	1,849.4
October 2020	33.4	97.1	130.5	674.9	1,107.5	1,782.4
Massachusetts						
October 2021	-	872.2	872.2	-	6,085.1	6,085.1
September 2021	-	877.0	877.0	-	6,033.1	6,033.1
October 2020	-	828.7	828.7	-	5,759.9	5,759.9
New Hampshire						
October 2021	31.5	123.5	155.1	352.1	1,182.0	1,534.1
September 2021	33.2	130.0	163.2	354.5	1,166.7	1,521.2
October 2020	17.9	136.9	154.8	325.5	1,128.1	1,453.6
Rhode Island						
October 2021	-	221.5	221.5	-	1,593.7	1,593.7
September 2021	-	238.1	238.1	-	1,635.7	1,635.7
October 2020	-	225.4	225.4	-	1,549.0	1,549.0
Vermont						
October 2021	72.6	-	72.6	764.9	-	764.9
September 2021	74.3	-	74.3	756.7	-	756.7
October 2020	66.9	-	66.9	724.8	-	724.8
Subdistrict 1B						
October 2021	1,153.7	4,455.1	5,608.8	13,333.0	26,775.0	40,107.9
September 2021	1,349.3	4,521.2	5,870.6	13,907.3	26,476.1	40,383.4
October 2020	1,254.7	4,242.9	5,497.7	13,471.1	24,713.7	38,184.8
Delaware						
October 2021	-	156.0	156.0	-	1,433.3	1,433.3
September 2021	-	160.3	160.3	-	1,405.7	1,405.7
October 2020	-	129.9	129.9	-	1,090.9	1,090.9
District of Columbia						
October 2021	-	31.5	31.5	-	170.3	170.3
September 2021	-	36.5	36.5	-	193.2	193.2
October 2020	-	30.7	30.7	-	169.3	169.3
Maryland						
October 2021	61.5	654.6	716.1	670.4	4,368.7	5,039.1
September 2021	73.3	685.4	758.7	708.4	4,461.3	5,169.7
October 2020	59.5	628.8	688.4	634.5	4,021.5	4,656.0
New Jersey						
October 2021	-	1,401.2	1,401.2	-	9,631.0	9,631.0
September 2021	-	1,394.2	1,394.2	-	9,435.8	9,435.8
October 2020	-	1,314.2	1,314.2	-	8,788.8	8,788.8
New York						
October 2021	499.0	1,811.7	2,310.7	5,925.9	8,522.3	14,448.2
September 2021	599.7	1,831.3	2,431.0	6,264.9	8,328.1	14,593.0
October 2020	522.7	1,771.5	2,294.2	5,774.0	8,090.6	13,864.6
Pennsylvania						
October 2021	593.2	400.1	993.3	6,736.7	2,649.5	9,386.2
September 2021	676.4	413.5	1,089.9	6,934.0	2,652.0	9,585.9
October 2020	672.5	367.9	1,040.4	7,062.6	2,552.7	9,615.3

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
Subdistrict 1C						
October 2021	51,695.6	3,606.2	55,301.8	887.8	40.1	928.0
September 2021	50,752.2	3,645.0	54,397.2	906.0	46.6	952.7
October 2020	48,646.4	3,303.5	51,949.9	1,109.7	45.7	1,155.4
Florida						
October 2021	17,844.5	-	17,844.5	198.5	-	198.5
September 2021	17,346.8	-	17,346.8	215.6	-	215.6
October 2020	16,558.6	-	16,558.6	293.3	-	293.3
Georgia						
October 2021	11,783.6	-	11,783.6	321.3	-	321.3
September 2021	11,567.6	-	11,567.6	311.5	-	311.5
October 2020	11,230.8	-	11,230.8	322.6	-	322.6
North Carolina						
October 2021	10,915.3	-	10,915.3	173.3	-	173.3
September 2021	10,720.8	-	10,720.8	176.9	-	176.9
October 2020	10,006.0	-	10,006.0	259.3	-	259.3
South Carolina						
October 2021	6,059.5	-	6,059.5	145.4	-	145.4
September 2021	5,947.5	-	5,947.5	148.8	-	148.8
October 2020	5,823.4	-	5,823.4	169.3	-	169.3
Virginia						
October 2021	3,521.2	3,606.2	7,127.4	42.1	40.1	82.2
September 2021	3,549.3	3,645.0	7,194.3	45.8	46.6	92.4
October 2020	3,443.1	3,303.5	6,746.6	51.4	45.7	97.1
West Virginia						
October 2021	1,571.5	-	1,571.5	7.2	-	7.2
September 2021	1,620.1	-	1,620.1	7.3	-	7.3
October 2020	1,584.4	-	1,584.4	13.9	-	13.9
PAD District 2						
October 2021	76,456.9	11,873.0	88,329.9	784.3	99.7	884.0
September 2021	78,742.8	12,019.8	90,762.6	806.9	108.3	915.2
October 2020	73,673.6	11,603.0	85,276.5	983.8	166.0	1,149.8
Illinois						
October 2021	3,646.6	5,965.0	9,611.6	36.2	37.0	73.2
September 2021	3,784.5	6,034.7	9,819.2	38.0	43.1	81.1
October 2020	3,792.3	6,040.7	9,833.0	46.6	77.9	124.5
Indiana						
October 2021	6,490.0	1,135.2	7,625.2	43.0	10.0	53.0
September 2021	6,615.1	1,092.0	7,707.1	50.3	10.0	60.3
October 2020	6,256.2	1,001.8	7,258.0	71.7	20.6	92.3
Iowa						
October 2021	3,183.1	-	3,183.1	75.6	-	75.6
September 2021	3,340.7	-	3,340.7	77.9	-	77.9
October 2020	3,097.6	-	3,097.6	81.2	-	81.2
Kansas						
October 2021	4,024.0	-	4,024.0	46.5	-	46.5
September 2021	4,126.7	-	4,126.7	47.0	-	47.0
October 2020	3,774.4	-	3,774.4	47.9	-	47.9
Kentucky						
October 2021	4,394.1	715.6	5,109.8	35.4	5.7	41.0
September 2021	4,351.8	733.3	5,085.1	36.1	6.0	42.1
October 2020	4,183.2	710.3	4,893.5	56.6	14.3	70.9
Michigan						
October 2021	11,162.1	-	11,162.1	26.4	-	26.4
September 2021	11,365.2	-	11,365.2	33.6	-	33.6
October 2020	10,880.2	-	10,880.2	82.2	-	82.2
Minnesota						
October 2021	5,437.8	-	5,437.8	125.1	-	125.1
September 2021	6,068.0	-	6,068.0	102.6	-	102.6
October 2020	5,161.5	-	5,161.5	85.8	-	85.8
Missouri						
October 2021	5,178.0	2,245.2	7,423.3	83.1	39.6	122.7
September 2021	5,144.5	2,282.5	7,427.0	87.9	40.0	127.9
October 2020	4,931.2	2,128.0	7,059.2	82.3	37.7	120.0

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
Subdistrict 1C						
October 2021	6,925.3	687.6	7,612.9	59,508.7	4,333.9	63,842.7
September 2021	7,005.9	711.2	7,717.0	58,664.1	4,402.8	63,066.9
October 2020	6,768.4	648.2	7,416.5	56,524.4	3,997.5	60,521.8
Florida						
October 2021	2,698.3	-	2,698.3	20,741.3	-	20,741.3
September 2021	2,670.7	-	2,670.7	20,233.2	-	20,233.2
October 2020	2,600.0	-	2,600.0	19,452.0	-	19,452.0
Georgia						
October 2021	1,758.6	-	1,758.6	13,863.5	-	13,863.5
September 2021	1,741.0	-	1,741.0	13,620.1	-	13,620.1
October 2020	1,684.2	-	1,684.2	13,237.5	-	13,237.5
North Carolina						
October 2021	1,333.5	-	1,333.5	12,422.0	-	12,422.0
September 2021	1,425.0	-	1,425.0	12,322.7	-	12,322.7
October 2020	1,322.2	-	1,322.2	11,587.5	-	11,587.5
South Carolina						
October 2021	690.0	-	690.0	6,894.9	-	6,894.9
September 2021	710.0	-	710.0	6,806.4	-	6,806.4
October 2020	704.0	-	704.0	6,696.6	-	6,696.6
Virginia						
October 2021	320.2	687.6	1,007.8	3,883.5	4,333.9	8,217.5
September 2021	333.5	711.2	1,044.6	3,928.6	4,402.8	8,331.4
October 2020	327.1	648.2	975.3	3,821.6	3,997.5	7,819.1
West Virginia						
October 2021	124.8	-	124.8	1,703.6	-	1,703.6
September 2021	125.7	-	125.7	1,753.2	-	1,753.2
October 2020	130.8	-	130.8	1,729.1	-	1,729.1
PAD District 2						
October 2021	6,577.2	1,545.6	8,122.7	83,818.3	13,518.3	97,336.6
September 2021	7,276.0	1,630.1	8,906.1	86,825.6	13,758.3	100,583.9
October 2020	6,795.7	1,459.4	8,255.1	81,453.2	13,228.3	94,681.5
Illinois						
October 2021	207.6	904.2	1,111.9	3,890.5	6,906.3	10,796.7
September 2021	234.8	948.8	1,183.7	4,057.3	7,026.7	11,083.9
October 2020	274.9	863.3	1,138.2	4,113.8	6,981.9	11,095.7
Indiana						
October 2021	474.3	134.7	609.0	7,007.2	1,279.9	8,287.1
September 2021	522.5	131.4	653.9	7,187.8	1,233.4	8,421.2
October 2020	482.5	113.5	596.1	6,810.4	1,136.0	7,946.3
Iowa						
October 2021	312.6	-	312.6	3,571.3	-	3,571.3
September 2021	306.6	-	306.6	3,725.3	-	3,725.3
October 2020	292.7	-	292.7	3,471.6	-	3,471.6
Kansas						
October 2021	356.3	-	356.3	4,426.8	-	4,426.8
September 2021	419.4	-	419.4	4,593.0	-	4,593.0
October 2020	383.3	-	383.3	4,205.5	-	4,205.5
Kentucky						
October 2021	267.6	80.7	348.3	4,697.1	802.0	5,499.1
September 2021	286.2	83.8	370.0	4,674.1	823.1	5,497.2
October 2020	288.6	61.6	350.2	4,528.5	786.1	5,314.6
Michigan						
October 2021	768.5	-	768.5	11,956.9	-	11,956.9
September 2021	882.8	-	882.8	12,281.7	-	12,281.7
October 2020	796.8	-	796.8	11,759.2	-	11,759.2
Minnesota						
October 2021	619.9	-	619.9	6,182.8	-	6,182.8
September 2021	688.4	-	688.4	6,859.1	-	6,859.1
October 2020	617.4	-	617.4	5,864.7	-	5,864.7
Missouri						
October 2021	404.6	254.5	659.0	5,665.7	2,539.3	8,205.0
September 2021	446.3	269.0	715.2	5,678.7	2,591.5	8,270.1
October 2020	429.9	251.1	681.0	5,443.4	2,416.8	7,860.2

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 2 (cont.)						
Nebraska						
October 2021	2,017.5	-	2,017.5	25.8	-	25.8
September 2021	2,118.5	-	2,118.5	30.4	-	30.4
October 2020	1,941.1	-	1,941.1	29.6	-	29.6
North Dakota						
October 2021	845.7	-	845.7	17.4	-	17.4
September 2021	935.5	-	935.5	17.9	-	17.9
October 2020	814.5	-	814.5	20.4	-	20.4
Ohio						
October 2021	12,087.9	-	12,087.9	49.0	-	49.0
September 2021	12,296.9	-	12,296.9	53.3	-	53.3
October 2020	11,706.7	-	11,706.7	129.5	-	129.5
Oklahoma						
October 2021	4,941.6	-	4,941.6	65.3	-	65.3
September 2021	4,987.9	-	4,987.9	68.0	-	68.0
October 2020	4,567.0	-	4,567.0	66.0	-	66.0
South Dakota						
October 2021	1,099.8	-	1,099.8	18.9	-	18.9
September 2021	1,235.4	-	1,235.4	20.4	-	20.4
October 2020	985.5	-	985.5	16.9	-	16.9
Tennessee						
October 2021	7,963.4	-	7,963.4	105.6	-	105.6
September 2021	8,140.1	-	8,140.1	108.0	-	108.0
October 2020	7,845.1	-	7,845.1	135.6	-	135.6
Wisconsin						
October 2021	3,985.4	1,811.9	5,797.3	31.0	7.4	38.4
September 2021	4,232.0	1,877.3	6,109.3	35.5	9.2	44.7
October 2020	3,737.2	1,722.2	5,459.5	31.6	15.4	47.1
PAD District 3						
October 2021	40,620.3	16,460.8	57,081.0	451.9	256.7	708.6
September 2021	40,096.0	16,340.0	56,436.0	471.9	262.8	734.7
October 2020	38,742.3	14,853.5	53,595.8	549.2	247.9	797.1
Alabama						
October 2021	6,139.3	-	6,139.3	71.1	-	71.1
September 2021	6,048.9	-	6,048.9	71.2	-	71.2
October 2020	6,060.7	-	6,060.7	74.9	-	74.9
Arkansas						
October 2021	3,609.8	-	3,609.8	38.7	-	38.7
September 2021	3,614.7	-	3,614.7	38.0	-	38.0
October 2020	3,345.6	-	3,345.6	40.3	-	40.3
Louisiana						
October 2021	6,583.1	-	6,583.1	44.5	-	44.5
September 2021	6,471.4	-	6,471.4	40.0	-	40.0
October 2020	6,407.6	-	6,407.6	57.1	-	57.1
Mississippi						
October 2021	3,539.2	-	3,539.2	47.3	-	47.3
September 2021	3,678.8	-	3,678.8	51.2	-	51.2
October 2020	3,487.4	-	3,487.4	47.5	-	47.5
New Mexico						
October 2021	2,262.1	-	2,262.1	32.2	-	32.2
September 2021	2,251.2	-	2,251.2	34.2	-	34.2
October 2020	2,014.4	-	2,014.4	91.2	-	91.2
Texas						
October 2021	18,486.7	16,460.8	34,947.5	218.2	256.7	474.9
September 2021	18,031.1	16,340.0	34,371.1	237.2	262.8	500.0
October 2020	17,426.6	14,853.5	32,280.1	238.2	247.9	486.1

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 2 (cont.)						
Nebraska						
October 2021	215.8	-	215.8	2,259.1	-	2,259.1
September 2021	229.6	-	229.6	2,378.5	-	2,378.5
October 2020	245.5	-	245.5	2,216.2	-	2,216.2
North Dakota						
October 2021	103.5	-	103.5	966.6	-	966.6
September 2021	112.4	-	112.4	1,065.8	-	1,065.8
October 2020	110.5	-	110.5	945.4	-	945.4
Ohio						
October 2021	910.0	-	910.0	13,046.8	-	13,046.8
September 2021	979.8	-	979.8	13,330.0	-	13,330.0
October 2020	906.5	-	906.5	12,742.7	-	12,742.7
Oklahoma						
October 2021	542.8	-	542.8	5,549.7	-	5,549.7
September 2021	633.2	-	633.2	5,689.1	-	5,689.1
October 2020	594.6	-	594.6	5,227.5	-	5,227.5
South Dakota						
October 2021	120.0	-	120.0	1,238.7	-	1,238.7
September 2021	130.6	-	130.6	1,386.4	-	1,386.4
October 2020	116.4	-	116.4	1,118.7	-	1,118.7
Tennessee						
October 2021	871.9	-	871.9	8,940.9	-	8,940.9
September 2021	930.4	-	930.4	9,178.5	-	9,178.5
October 2020	891.3	-	891.3	8,872.0	-	8,872.0
Wisconsin						
October 2021	401.9	171.5	573.4	4,418.3	1,990.8	6,409.1
September 2021	473.0	197.2	670.1	4,740.4	2,083.7	6,824.1
October 2020	364.7	169.9	534.6	4,133.6	1,907.5	6,041.1
PAD District 3						
October 2021	4,082.0	2,609.9	6,691.8	45,154.1	19,327.4	64,481.5
September 2021	4,172.8	2,641.7	6,814.5	44,740.7	19,244.5	63,985.1
October 2020	4,090.1	2,480.9	6,571.0	43,381.6	17,582.3	60,963.9
Alabama						
October 2021	595.8	-	595.8	6,806.2	-	6,806.2
September 2021	602.2	-	602.2	6,722.3	-	6,722.3
October 2020	621.1	-	621.1	6,756.7	-	6,756.7
Arkansas						
October 2021	335.2	-	335.2	3,983.7	-	3,983.7
September 2021	356.8	-	356.8	4,009.5	-	4,009.5
October 2020	344.2	-	344.2	3,730.2	-	3,730.2
Louisiana						
October 2021	602.8	-	602.8	7,230.4	-	7,230.4
September 2021	620.6	-	620.6	7,131.9	-	7,131.9
October 2020	641.5	-	641.5	7,106.3	-	7,106.3
Mississippi						
October 2021	321.4	-	321.4	3,907.9	-	3,907.9
September 2021	368.9	-	368.9	4,098.9	-	4,098.9
October 2020	338.6	-	338.6	3,873.5	-	3,873.5
New Mexico						
October 2021	337.4	-	337.4	2,631.7	-	2,631.7
September 2021	340.8	-	340.8	2,626.2	-	2,626.2
October 2020	313.2	-	313.2	2,418.7	-	2,418.7
Texas						
October 2021	1,889.3	2,609.9	4,499.2	20,594.3	19,327.4	39,921.6
September 2021	1,883.5	2,641.7	4,525.2	20,151.8	19,244.5	39,396.3
October 2020	1,831.5	2,480.9	4,312.3	19,496.3	17,582.3	37,078.5

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 4						
October 2021	12,346.2	-	12,346.2	229.2	-	229.2
September 2021	12,985.4	-	12,985.4	234.1	-	234.1
October 2020	11,343.5	-	11,343.5	233.9	-	233.9
Colorado						
October 2021	5,114.8	-	5,114.8	103.3	-	103.3
September 2021	5,285.9	-	5,285.9	107.7	-	107.7
October 2020	4,629.6	-	4,629.6	97.8	-	97.8
Idaho						
October 2021	1,782.6	-	1,782.6	9.2	-	9.2
September 2021	1,968.7	-	1,968.7	9.7	-	9.7
October 2020	1,732.9	-	1,732.9	11.2	-	11.2
Montana						
October 2021	1,694.5	-	1,694.5	62.2	-	62.2
September 2021	1,851.5	-	1,851.5	66.0	-	66.0
October 2020	1,543.2	-	1,543.2	62.9	-	62.9
Utah						
October 2021	2,974.7	-	2,974.7	36.3	-	36.3
September 2021	3,020.9	-	3,020.9	34.3	-	34.3
October 2020	2,703.5	-	2,703.5	49.1	-	49.1
Wyoming						
October 2021	779.6	-	779.6	18.2	-	18.2
September 2021	858.4	-	858.4	16.3	-	16.3
October 2020	734.3	-	734.3	13.0	-	13.0
PAD District 5						
October 2021	16,144.6	28,858.3	45,002.9	218.4	500.5	718.9
September 2021	16,671.9	29,785.3	46,457.2	228.6	508.2	736.8
October 2020	15,025.9	28,006.9	43,032.8	259.1	735.5	994.6
Alaska						
October 2021	538.4	-	538.4	W	-	W
September 2021	702.9	-	702.9	W	-	W
October 2020	522.5	-	522.5	W	-	W
Arizona						
October 2021	W	W	6,807.7	W	W	115.9
September 2021	W	W	6,823.6	W	W	118.0
October 2020	W	W	6,118.0	W	W	123.3
California						
October 2021	-	24,903.8	24,903.8	-	W	422.5
September 2021	-	25,825.8	25,825.8	-	428.6	428.6
October 2020	-	24,446.7	24,446.7	-	W	662.8
Hawaii						
October 2021	973.9	-	973.9	W	-	W
September 2021	899.3	-	899.3	W	-	W
October 2020	979.7	-	979.7	W	-	W
Nevada						
October 2021	W	W	2,338.2	33.6	-	33.6
September 2021	W	W	2,378.0	W	W	34.8
October 2020	W	W	2,229.4	40.2	-	40.2
Oregon						
October 2021	3,566.1	-	3,566.1	21.8	-	21.8
September 2021	3,715.2	-	3,715.2	23.1	-	23.1
October 2020	3,350.8	-	3,350.8	22.8	-	22.8
Washington						
October 2021	5,874.8	-	5,874.8	53.6	-	53.6
September 2021	6,112.5	-	6,112.5	58.2	-	58.2
October 2020	5,385.6	-	5,385.6	67.0	-	67.0

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 4						
October 2021	2,784.5	-	2,784.5	15,360.0	-	15,360.0
September 2021	2,886.2	-	2,886.2	16,105.7	-	16,105.7
October 2020	2,832.2	-	2,832.2	14,409.7	-	14,409.7
Colorado						
October 2021	1,131.3	-	1,131.3	6,349.5	-	6,349.5
September 2021	1,193.1	-	1,193.1	6,586.7	-	6,586.7
October 2020	1,103.0	-	1,103.0	5,830.4	-	5,830.4
Idaho						
October 2021	319.9	-	319.9	2,111.7	-	2,111.7
September 2021	317.0	-	317.0	2,295.4	-	2,295.4
October 2020	361.7	-	361.7	2,105.8	-	2,105.8
Montana						
October 2021	300.7	-	300.7	2,057.4	-	2,057.4
September 2021	341.9	-	341.9	2,259.5	-	2,259.5
October 2020	319.2	-	319.2	1,925.2	-	1,925.2
Utah						
October 2021	882.5	-	882.5	3,893.5	-	3,893.5
September 2021	857.0	-	857.0	3,912.2	-	3,912.2
October 2020	877.5	-	877.5	3,630.2	-	3,630.2
Wyoming						
October 2021	150.1	-	150.1	947.8	-	947.8
September 2021	177.2	-	177.2	1,051.9	-	1,051.9
October 2020	170.8	-	170.8	918.1	-	918.1
PAD District 5						
October 2021	3,108.5	8,389.3	11,497.8	19,471.5	37,748.1	57,219.6
September 2021	3,228.3	8,762.2	11,990.5	20,128.9	39,055.6	59,184.5
October 2020	3,165.4	8,639.1	11,804.5	18,450.4	37,381.5	55,831.9
Alaska						
October 2021	W	-	W	608.6	-	608.6
September 2021	W	-	W	783.9	-	783.9
October 2020	W	-	W	605.4	-	605.4
Arizona						
October 2021	W	W	1,011.6	W	W	7,935.2
September 2021	W	W	1,029.7	W	W	7,971.4
October 2020	W	W	1,005.5	W	W	7,246.7
California						
October 2021	-	W	7,808.4	-	33,134.6	33,134.6
September 2021	-	8,177.5	8,177.5	-	34,431.9	34,431.9
October 2020	-	W	8,095.3	-	33,204.8	33,204.8
Hawaii						
October 2021	W	-	W	1,259.8	-	1,259.8
September 2021	W	-	W	1,189.2	-	1,189.2
October 2020	W	-	W	1,299.6	-	1,299.6
Nevada						
October 2021	W	W	657.9	W	W	3,029.6
September 2021	W	W	661.9	W	W	3,074.7
October 2020	W	W	669.7	W	W	2,939.4
Oregon						
October 2021	532.0	-	532.0	4,119.9	-	4,119.9
September 2021	559.7	-	559.7	4,298.0	-	4,298.0
October 2020	511.0	-	511.0	3,884.6	-	3,884.6
Washington						
October 2021	1,203.4	-	1,203.4	7,131.8	-	7,131.8
September 2021	1,264.7	-	1,264.7	7,435.4	-	7,435.4
October 2020	1,198.7	-	1,198.7	6,651.4	-	6,651.4

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration, Form EIA-782C, Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption.

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil		Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%	
United States							
October 2021	448.7	55,166.1	64.9	27,475.6	3,925.5	2,754.9	6,680.4
September 2021	498.2	56,934.4	26.0	24,791.3	3,814.2	2,918.1	6,732.3
October 2020	449.3	38,265.6	104.0	27,924.5	4,479.7	3,037.6	7,517.4
PAD District 1							
October 2021	155.0	12,065.6	64.9	4,927.8	909.5	306.7	1,216.2
September 2021	158.8	11,865.5	26.0	4,562.7	901.7	524.2	1,425.9
October 2020	146.5	6,427.8	104.0	5,862.2	1,163.1	321.3	1,484.4
Subdistrict 1A							
October 2021	20.3	1,452.7	W	903.1	33.0	-	33.0
September 2021	22.8	1,267.4	W	801.4	W	-	W
October 2020	17.7	744.5	W	1,021.7	W	W	52.6
Connecticut							
October 2021	3.1	163.9	W	102.2	-	-	-
September 2021	3.0	113.7	W	101.1	-	-	-
October 2020	3.5	100.0	-	94.7	W	-	W
Maine							
October 2021	3.6	129.1	-	239.5	20.4	-	20.4
September 2021	3.6	145.1	-	183.5	W	-	W
October 2020	W	111.0	-	268.0	W	W	38.9
Massachusetts							
October 2021	8.7	967.5	W	177.3	W	-	W
September 2021	10.7	844.2	W	182.5	W	-	W
October 2020	7.5	449.1	W	183.6	W	-	W
New Hampshire							
October 2021	2.5	96.1	-	230.8	W	-	W
September 2021	3.0	85.6	-	187.6	W	-	W
October 2020	2.5	32.9	W	289.4	W	-	W
Rhode Island							
October 2021	W	57.5	-	32.1	-	-	-
September 2021	W	50.6	-	32.9	-	-	-
October 2020	1.6	27.7	-	25.5	W	-	W
Vermont							
October 2021	W	38.6	W	121.1	W	-	W
September 2021	W	28.2	W	113.8	W	-	W
October 2020	W	23.7	W	160.5	W	-	W
Subdistrict 1B							
October 2021	31.1	6,041.5	W	1,720.1	W	W	1,032.2
September 2021	37.3	5,945.1	W	1,527.4	868.3	384.0	1,252.2
October 2020	30.8	2,841.3	W	2,349.7	1,098.7	268.6	1,367.4
Delaware							
October 2021	0.5	12.6	-	84.3	W	-	W
September 2021	0.7	11.4	-	90.5	W	-	W
October 2020	0.8	14.3	-	127.4	W	-	W
District of Columbia							
October 2021	-	-	-	-	-	-	-
September 2021	-	-	-	-	-	-	-
October 2020	-	-	-	-	-	-	-
Maryland							
October 2021	6.1	205.6	-	170.4	W	-	W
September 2021	5.7	185.9	-	170.9	W	-	W
October 2020	5.6	137.5	-	193.1	-	-	-
New Jersey							
October 2021	7.4	1,679.1	W	151.9	W	W	W
September 2021	8.5	1,652.4	W	122.6	W	W	W
October 2020	6.8	777.0	W	166.8	W	W	780.9
New York							
October 2021	9.1	2,563.1	W	626.4	W	W	140.8
September 2021	12.3	2,398.9	W	558.1	W	W	313.2
October 2020	9.3	1,471.9	W	866.8	W	W	526.6
Pennsylvania							
October 2021	8.0	1,581.1	-	687.1	W	W	W
September 2021	10.1	1,696.5	-	585.3	W	-	W
October 2020	8.5	440.5	-	995.6	W	-	W

See footnotes at end of table.

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil		Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%	
Subdistrict 1C							
October 2021	103.6	4,571.5	-	2,304.7	W	W	151.0
September 2021	98.7	4,653.0	-	2,233.9	W	140.3	W
October 2020	97.9	2,842.0	-	2,490.7	W	W	64.4
Florida							
October 2021	55.0	2,759.2	-	422.0	W	W	88.5
September 2021	47.5	2,762.6	-	473.1	W	W	79.6
October 2020	49.6	1,643.3	-	452.1	-	W	W
Georgia							
October 2021	19.6	471.0	-	502.0	-	W	W
September 2021	14.5	494.8	-	414.5	W	W	46.0
October 2020	14.0	274.6	-	439.0	W	W	27.4
North Carolina							
October 2021	12.4	372.8	-	745.5	-	W	W
September 2021	16.8	355.7	-	761.0	-	W	W
October 2020	14.5	233.6	-	701.2	-	W	W
South Carolina							
October 2021	7.4	266.8	-	258.7	W	W	W
September 2021	7.7	251.5	-	235.2	W	W	W
October 2020	8.3	163.8	-	267.3	-	W	W
Virginia							
October 2021	7.8	679.5	-	319.3	W	-	W
September 2021	10.4	767.3	-	280.2	-	-	-
October 2020	9.5	507.1	-	440.1	W	-	W
West Virginia							
October 2021	1.5	22.1	-	57.2	-	-	-
September 2021	1.8	21.1	-	70.0	-	-	-
October 2020	2.0	19.5	-	191.0	-	-	-
PAD District 2							
October 2021	107.2	10,946.5	-	9,470.8	-	85.7	85.7
September 2021	126.6	10,628.5	-	7,924.4	-	84.2	84.2
October 2020	105.7	8,294.9	-	10,709.1	-	99.1	99.1
Illinois							
October 2021	9.9	3,203.1	-	1,233.6	-	-	-
September 2021	13.1	2,894.1	-	1,426.3	-	-	-
October 2020	10.1	2,102.0	-	1,578.5	-	-	-
Indiana							
October 2021	8.1	847.9	-	604.3	-	W	W
September 2021	9.5	910.3	-	557.6	-	W	W
October 2020	6.3	700.5	-	789.5	-	W	W
Iowa							
October 2021	3.8	94.1	-	1,152.1	-	-	-
September 2021	4.6	95.3	-	629.0	-	-	-
October 2020	5.2	70.0	-	1,214.5	-	-	-
Kansas							
October 2021	6.7	147.4	-	920.5	-	-	-
September 2021	7.1	141.4	-	710.2	-	-	-
October 2020	6.2	134.9	-	1,200.9	-	-	-
Kentucky							
October 2021	4.4	1,666.8	-	296.8	-	-	-
September 2021	3.9	1,743.0	-	280.3	-	-	-
October 2020	7.3	1,549.5	-	254.8	-	-	-
Michigan							
October 2021	9.4	612.0	-	728.8	-	W	W
September 2021	11.7	594.0	-	603.1	-	W	W
October 2020	9.1	343.5	-	797.3	-	W	W
Minnesota							
October 2021	9.0	306.1	-	1,079.9	-	W	W
September 2021	10.1	332.2	-	659.9	-	W	W
October 2020	9.0	231.3	-	1,222.8	-	W	W
Missouri							
October 2021	9.3	392.0	-	676.6	-	-	-
September 2021	10.0	448.8	-	630.7	-	-	-
October 2020	7.6	243.9	-	730.3	-	-	-

See footnotes at end of table.

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil		Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%	
PAD District 2 (cont.)							
Nebraska							
October 2021	2.9	139.7	-	252.3	-	-	-
September 2021	4.2	152.3	-	225.1	-	-	-
October 2020	2.3	97.9	-	264.3	-	-	-
North Dakota							
October 2021	5.6	155.1	-	434.8	-	-	-
September 2021	6.1	99.0	-	266.7	-	-	-
October 2020	4.5	103.9	-	531.5	-	-	-
Ohio							
October 2021	11.8	912.6	-	782.3	-	-	-
September 2021	13.0	891.1	-	742.8	-	-	-
October 2020	9.5	661.6	-	688.9	-	-	-
Oklahoma							
October 2021	6.9	670.3	-	249.4	-	-	-
September 2021	8.2	680.7	-	231.4	-	-	-
October 2020	7.5	437.1	-	267.4	-	-	-
South Dakota							
October 2021	2.6	60.3	-	150.7	-	W	W
September 2021	3.8	61.4	-	162.9	-	W	W
October 2020	2.9	42.0	-	120.3	-	W	W
Tennessee							
October 2021	11.4	1,556.0	-	205.2	-	W	W
September 2021	12.3	1,398.5	-	200.6	-	W	W
October 2020	11.7	1,448.5	-	254.9	-	W	W
Wisconsin							
October 2021	5.3	183.2	-	703.3	-	W	W
September 2021	8.7	186.2	-	597.6	-	W	W
October 2020	6.7	128.3	-	793.2	-	W	W
PAD District 3							
October 2021	67.9	12,739.4	-	9,692.4	1,308.4	1,080.2	2,388.6
September 2021	83.5	13,746.3	-	9,373.7	1,329.9	977.9	2,307.8
October 2020	76.1	9,142.4	-	8,262.4	933.3	903.9	1,837.2
Alabama							
October 2021	8.1	176.7	-	265.5	W	-	W
September 2021	8.6	192.8	-	211.4	W	-	W
October 2020	8.6	129.3	-	256.8	W	W	W
Arkansas							
October 2021	4.8	143.2	-	159.7	-	-	-
September 2021	6.1	142.2	-	141.8	-	-	-
October 2020	5.4	111.5	-	196.8	-	-	-
Louisiana							
October 2021	7.1	2,219.5	-	783.4	423.6	121.5	545.1
September 2021	8.3	2,307.7	-	602.7	332.3	88.7	420.9
October 2020	8.2	708.3	-	814.9	W	W	534.4
Mississippi							
October 2021	6.2	748.3	-	200.3	W	-	W
September 2021	4.7	1,473.4	-	212.1	W	-	W
October 2020	4.3	329.3	-	254.2	W	-	W
New Mexico							
October 2021	4.3	130.3	-	203.6	-	-	-
September 2021	4.3	106.3	-	165.7	-	-	-
October 2020	3.8	100.7	-	168.9	-	-	-
Texas							
October 2021	37.4	9,321.3	-	8,079.8	848.3	958.7	1,807.0
September 2021	51.6	9,523.8	-	8,040.0	956.2	889.2	1,845.4
October 2020	45.8	7,763.3	-	6,570.8	546.0	723.8	1,269.7

See footnotes at end of table.

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil		Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%	
PAD District 4							
October 2021	32.1	2,301.8	-	937.5	-	-	-
September 2021	37.0	2,535.6	-	867.8	-	-	-
October 2020	29.0	1,369.8	-	886.3	-	-	-
Colorado							
October 2021	14.1	1,249.5	-	306.0	-	-	-
September 2021	12.1	1,356.3	-	278.1	-	-	-
October 2020	11.9	596.8	-	321.5	-	-	-
Idaho							
October 2021	W	125.5	-	69.9	-	-	-
September 2021	7.2	139.3	-	58.3	-	-	-
October 2020	4.9	101.2	-	75.8	-	-	-
Montana							
October 2021	5.9	148.1	-	248.2	-	-	-
September 2021	7.5	179.6	-	206.7	-	-	-
October 2020	4.3	89.5	-	213.7	-	-	-
Utah							
October 2021	6.6	711.5	-	129.5	-	-	-
September 2021	6.7	751.5	-	139.2	-	-	-
October 2020	W	546.5	-	85.3	-	-	-
Wyoming							
October 2021	W	67.2	-	183.9	-	-	-
September 2021	3.6	108.8	-	185.5	-	-	-
October 2020	W	35.9	-	189.8	-	-	-
PAD District 5							
October 2021	86.5	17,112.7	-	2,447.1	1,707.6	1,282.4	2,990.0
September 2021	92.2	18,158.6	-	2,062.7	1,582.6	1,331.8	2,914.4
October 2020	92.0	13,030.8	-	2,204.6	2,383.4	1,713.4	4,096.7
Alaska							
October 2021	W	2,229.9	-	W	-	-	-
September 2021	W	2,400.1	-	W	-	-	-
October 2020	W	2,255.4	-	W	-	-	-
Arizona							
October 2021	18.2	573.8	-	240.1	-	-	-
September 2021	17.4	500.9	-	198.5	-	-	-
October 2020	20.2	469.8	-	159.1	-	-	-
California							
October 2021	42.7	9,658.9	-	1,342.4	674.9	903.2	1,578.1
September 2021	44.5	10,474.7	-	1,163.6	492.6	840.0	1,332.5
October 2020	43.7	7,579.0	-	1,278.8	773.2	899.9	1,673.0
Hawaii							
October 2021	W	1,487.1	-	W	W	W	W
September 2021	W	1,805.8	-	W	W	W	W
October 2020	W	549.7	-	W	W	W	W
Nevada							
October 2021	4.1	698.9	-	70.5	-	-	-
September 2021	5.3	649.5	-	72.2	-	-	-
October 2020	5.2	454.4	-	60.0	-	-	-
Oregon							
October 2021	6.7	438.3	-	130.1	W	-	W
September 2021	8.9	506.7	-	110.5	W	-	W
October 2020	10.1	301.9	-	161.6	W	-	W
Washington							
October 2021	11.4	2,025.9	-	606.1	W	W	482.0
September 2021	13.0	1,820.9	-	487.2	W	W	559.6
October 2020	10.1	1,420.6	-	487.8	W	W	880.2

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration, Form EIA-782C, Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption.

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state

thousand gallons per day

Geographic area month	No. 2 distillate							Total distillate and kerosene
	Kerosene	No. 1 distillate	No. 2 fuel oil	No. 2 diesel fuel			No. 2 distillate	
				Ultra-low sulfur	Low-sulfur	High-sulfur		
United States								
October 2021	972.0	1,279.9	6,378.9	169,165.9	W	W	177,141.8	179,458.6
September 2021	815.9	535.9	4,173.8	168,939.7	W	W	174,839.5	176,217.3
October 2020	402.3	1,457.0	5,489.8	167,042.9	W	W	173,249.2	175,212.5
PAD District 1								
October 2021	235.8	80.8	5,519.8	41,895.1	-	285.4	47,700.2	48,081.7
September 2021	120.4	6.9	3,558.9	41,163.3	-	252.9	44,975.0	45,128.4
October 2020	187.1	44.3	4,811.8	W	-	W	46,876.4	47,211.8
Subdistrict 1A								
October 2021	96.9	W	2,217.7	W	-	W	5,904.8	6,034.8
September 2021	W	W	1,373.4	3,606.8	-	-	4,980.2	5,026.3
October 2020	71.1	W	2,306.3	W	-	W	5,949.9	6,055.8
Connecticut								
October 2021	W	W	550.9	872.1	-	-	1,423.0	1,441.5
September 2021	W	W	302.2	792.2	-	-	1,094.3	1,099.1
October 2020	W	W	494.1	848.4	-	-	1,342.5	1,369.8
Maine								
October 2021	W	W	467.6	W	-	W	1,081.1	1,143.2
September 2021	W	W	270.2	601.7	-	-	871.9	898.6
October 2020	W	W	506.6	682.5	-	-	1,189.2	1,242.3
Massachusetts								
October 2021	W	W	600.2	W	-	W	1,889.1	1,914.6
September 2021	1.8	W	412.7	1,348.4	-	-	1,761.1	1,763.8
October 2020	3.2	W	607.8	1,269.6	-	-	1,877.5	1,882.2
New Hampshire								
October 2021	W	W	275.2	429.6	-	-	704.8	720.8
September 2021	W	W	165.9	359.2	-	-	525.1	532.7
October 2020	8.5	W	341.9	366.4	-	-	708.3	721.6
Rhode Island								
October 2021	W	W	160.2	281.1	-	-	441.4	441.5
September 2021	-	W	111.3	W	-	-	W	390.0
October 2020	W	W	176.7	W	-	W	466.1	466.3
Vermont								
October 2021	6.1	W	163.5	201.9	-	-	365.4	373.1
September 2021	W	-	111.1	W	-	-	W	342.1
October 2020	5.5	W	179.1	187.3	-	-	366.4	373.6
Subdistrict 1B								
October 2021	W	48.0	3,219.3	W	-	W	16,797.0	16,999.2
September 2021	47.7	W	2,061.9	W	-	W	15,483.5	15,558.0
October 2020	W	9.6	2,453.2	W	-	W	16,898.4	17,081.3
Delaware								
October 2021	3.4	-	W	W	-	-	459.2	462.6
September 2021	W	-	W	W	-	-	W	547.7
October 2020	0.8	-	W	W	-	-	365.4	366.1
District of Columbia								
October 2021	-	-	W	W	-	-	27.9	27.9
September 2021	-	-	W	W	-	-	29.8	29.8
October 2020	-	-	W	W	-	-	26.5	26.5
Maryland								
October 2021	9.0	-	173.7	W	-	W	2,000.1	2,009.1
September 2021	3.6	-	81.6	W	-	W	1,950.9	1,954.5
October 2020	6.6	-	140.9	W	-	W	1,952.8	1,959.5
New Jersey								
October 2021	W	W	534.8	W	-	W	3,605.3	3,651.6
September 2021	-	-	241.2	2,687.0	-	W	W	2,939.5
October 2020	W	W	443.9	W	-	W	3,963.9	4,009.9
New York								
October 2021	52.6	W	1,440.4	W	-	W	4,885.0	5,001.8
September 2021	26.9	W	893.5	W	-	W	4,364.6	4,415.9
October 2020	42.5	W	1,116.0	W	-	W	4,520.3	4,627.5
Pennsylvania								
October 2021	25.0	1.7	1,019.8	W	-	W	5,819.4	5,846.0
September 2021	W	W	788.3	W	-	W	5,654.4	5,670.5
October 2020	W	W	747.7	W	-	W	6,069.5	6,091.8

See footnotes at end of table.

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 distillate							Total distillate and kerosene
	Kerosene	No. 1 distillate	No. 2 fuel oil	No. 2 diesel fuel			No. 2 distillate	
				Ultra-low sulfur	Low-sulfur	High-sulfur		
Subdistrict 1C								
October 2021	W	W	82.8	W	-	W	24,998.4	25,047.7
September 2021	W	W	123.5	W	-	W	24,511.3	24,544.1
October 2020	W	W	52.3	W	-	W	24,028.2	24,074.7
Florida								
October 2021	W	-	W	6,941.3	-	W	W	7,066.3
September 2021	-	-	-	W	-	W	6,729.7	6,729.7
October 2020	W	-	-	6,566.2	-	W	W	6,576.6
Georgia								
October 2021	W	W	W	5,462.6	-	W	5,465.7	5,468.0
September 2021	1.5	-	W	5,252.5	-	W	5,267.9	5,269.4
October 2020	W	W	-	W	-	W	5,322.6	5,325.5
North Carolina								
October 2021	26.3	-	27.1	W	-	W	4,181.1	4,207.5
September 2021	W	W	51.7	W	-	W	4,143.6	4,162.6
October 2020	23.9	-	W	4,033.7	-	W	4,051.8	4,075.7
South Carolina								
October 2021	3.3	-	W	3,068.5	-	W	3,074.5	3,077.8
September 2021	W	-	W	3,057.3	-	W	W	3,076.7
October 2020	2.2	-	W	2,961.0	-	W	2,966.5	2,968.7
Virginia								
October 2021	W	W	26.1	W	-	W	4,094.3	4,107.5
September 2021	7.8	-	32.5	W	-	W	4,087.0	4,094.7
October 2020	13.2	-	19.5	W	-	W	3,966.6	3,979.8
West Virginia								
October 2021	W	W	15.6	W	-	-	W	1,120.6
September 2021	W	W	19.5	W	-	-	W	1,211.0
October 2020	W	W	14.7	W	-	-	W	1,148.4
PAD District 2								
October 2021	104.7	531.2	74.8	W	W	-	55,542.6	56,178.5
September 2021	24.3	159.4	54.4	W	W	-	54,985.6	55,169.4
October 2020	82.5	825.1	66.8	W	W	-	55,686.8	56,594.5
Illinois								
October 2021	5.0	19.2	-	6,127.7	-	-	6,127.7	6,152.0
September 2021	1.6	11.6	-	6,114.3	-	-	6,114.3	6,127.5
October 2020	5.5	16.9	-	6,479.3	-	-	6,479.3	6,501.7
Indiana								
October 2021	6.6	3.0	-	4,542.5	-	-	4,542.5	4,552.2
September 2021	W	W	-	4,630.9	-	-	4,630.9	4,634.4
October 2020	8.4	3.7	-	4,606.8	-	-	4,606.8	4,618.8
Iowa								
October 2021	0.6	47.4	W	W	-	-	3,840.8	3,888.8
September 2021	W	W	W	W	-	-	3,525.5	3,546.0
October 2020	W	W	W	W	-	-	3,903.5	3,990.8
Kansas								
October 2021	W	W	-	3,143.8	-	-	3,143.8	3,222.1
September 2021	W	W	-	3,246.0	-	-	3,246.0	3,259.6
October 2020	5.5	77.2	W	W	-	-	3,197.2	3,280.0
Kentucky								
October 2021	W	W	W	W	W	-	2,789.8	2,795.3
September 2021	W	-	W	2,904.1	W	-	W	2,930.7
October 2020	W	W	-	W	W	-	2,819.7	2,828.5
Michigan								
October 2021	W	W	W	3,592.9	W	-	3,594.5	3,611.7
September 2021	W	W	W	3,590.8	W	-	3,592.7	3,602.8
October 2020	8.6	9.3	W	3,679.4	W	-	3,681.0	3,698.8
Minnesota								
October 2021	W	W	3.5	3,827.8	-	-	3,831.3	3,926.4
September 2021	3.3	31.2	2.3	3,204.6	-	-	3,206.9	3,241.3
October 2020	W	W	W	W	-	-	3,685.6	3,900.1
Missouri								
October 2021	0.6	3.8	W	W	-	-	4,423.7	4,428.2
September 2021	0.1	1.5	W	W	-	-	4,486.7	4,488.3
October 2020	0.9	8.5	W	W	-	-	4,540.8	4,550.2

See footnotes at end of table.

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 distillate							Total distillate and kerosene
	Kerosene	No. 1 distillate	No. 2 fuel oil	No. 2 diesel fuel			No. 2 distillate	
				Ultra-low sulfur	Low-sulfur	High-sulfur		
PAD District 2 (cont.)								
Nebraska								
October 2021	-	51.0	-	2,553.9	-	-	2,553.9	2,604.9
September 2021	-	9.1	-	2,513.6	-	-	2,513.6	2,522.7
October 2020	-	90.9	-	2,608.8	-	-	2,608.8	2,699.7
North Dakota								
October 2021	W	W	-	1,859.0	-	-	1,859.0	1,979.0
September 2021	W	W	-	1,856.3	-	-	1,856.3	1,887.1
October 2020	0.4	180.6	-	1,668.2	-	-	1,668.2	1,849.1
Ohio								
October 2021	W	W	-	5,950.6	-	-	5,950.6	5,964.7
September 2021	W	W	-	W	W	-	5,854.9	5,865.4
October 2020	W	W	-	5,996.4	-	-	5,996.4	6,017.5
Oklahoma								
October 2021	W	W	W	W	-	-	4,222.0	4,310.9
September 2021	W	W	-	4,287.4	-	-	4,287.4	4,299.4
October 2020	W	W	-	3,851.9	-	-	3,851.9	3,866.3
South Dakota								
October 2021	-	43.6	W	W	-	-	1,199.3	1,242.8
September 2021	-	W	W	W	-	-	W	1,133.2
October 2020	-	94.1	W	W	-	-	1,162.2	1,256.3
Tennessee								
October 2021	W	W	W	W	-	-	4,153.6	4,160.7
September 2021	W	W	W	W	-	-	4,114.2	4,118.1
October 2020	W	W	-	4,193.9	-	-	4,193.9	4,200.9
Wisconsin								
October 2021	1.7	27.4	2.6	3,307.4	-	-	3,310.0	3,339.0
September 2021	0.9	7.8	W	W	-	-	3,504.1	3,512.8
October 2020	2.0	42.2	W	W	-	-	3,291.5	3,335.7
PAD District 3								
October 2021	619.3	1.5	722.0	41,676.2	-	895.9	43,294.2	43,915.0
September 2021	662.8	1.2	489.9	41,087.9	-	922.5	42,500.3	43,164.4
October 2020	121.2	1.2	555.4	38,539.4	-	176.3	39,271.1	39,393.5
Alabama								
October 2021	W	-	-	3,052.8	-	W	W	3,080.7
September 2021	W	-	-	3,162.1	-	W	W	3,181.7
October 2020	W	-	-	3,138.5	-	W	W	3,164.9
Arkansas								
October 2021	-	-	W	W	-	-	2,658.1	2,658.1
September 2021	-	-	-	2,698.5	-	-	2,698.5	2,698.5
October 2020	-	-	W	W	-	-	2,409.0	2,409.0
Louisiana								
October 2021	W	W	W	W	-	W	5,846.9	6,433.8
September 2021	W	W	-	5,004.9	-	100.7	5,105.6	5,752.6
October 2020	W	W	-	4,995.9	-	42.0	5,037.8	5,136.1
Mississippi								
October 2021	W	-	W	W	-	-	W	2,633.5
September 2021	W	-	-	W	-	-	W	2,526.1
October 2020	W	-	-	W	-	-	W	2,359.5
New Mexico								
October 2021	-	W	W	W	-	-	W	2,511.1
September 2021	-	W	W	W	-	-	W	2,256.2
October 2020	-	W	-	W	-	-	W	2,125.0
Texas								
October 2021	W	W	624.3	25,320.3	-	646.0	26,590.6	26,597.7
September 2021	W	W	W	W	-	W	26,746.2	26,749.2
October 2020	W	W	W	W	-	W	24,198.3	24,199.0

See footnotes at end of table.

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 distillate							Total distillate and kerosene
	Kerosene	No. 1 distillate	No. 2 fuel oil	No. 2 diesel fuel			No. 2 distillate	
				Ultra-low sulfur	Low-sulfur	High-sulfur		
PAD District 4								
October 2021	W	W	3.2	10,184.6	-	-	10,187.8	10,355.9
September 2021	W	W	W	W	-	-	10,412.9	10,468.0
October 2020	W	W	W	W	-	-	9,398.3	9,581.8
Colorado								
October 2021	W	W	-	2,677.3	-	-	2,677.3	2,715.4
September 2021	W	W	-	2,701.5	-	-	2,701.5	2,713.7
October 2020	-	33.6	-	2,374.2	-	-	2,374.2	2,407.8
Idaho								
October 2021	-	15.7	W	W	-	-	1,655.8	1,671.5
September 2021	-	3.3	W	W	-	-	1,744.0	1,747.4
October 2020	-	12.9	W	W	-	-	1,640.2	1,653.1
Montana								
October 2021	-	55.8	W	W	-	-	1,813.6	1,869.4
September 2021	-	28.5	W	W	-	-	1,817.9	1,846.4
October 2020	-	71.5	W	W	-	-	1,655.4	1,726.8
Utah								
October 2021	W	W	W	W	-	-	2,408.9	2,431.9
September 2021	W	W	W	W	-	-	2,431.6	2,435.4
October 2020	W	W	W	W	-	-	2,152.6	2,173.9
Wyoming								
October 2021	-	35.5	-	W	-	-	1,632.2	1,667.7
September 2021	-	7.4	-	1,717.8	-	-	1,717.8	1,725.2
October 2020	-	44.2	-	W	-	-	1,575.9	1,620.2
PAD District 5								
October 2021	W	W	59.1	W	-	W	20,417.0	20,927.5
September 2021	W	W	W	W	-	W	21,965.7	22,287.1
October 2020	W	W	W	21,597.0	NA	W	22,016.7	22,430.9
Alaska								
October 2021	-	W	W	W	-	-	W	W
September 2021	-	W	W	W	-	-	W	W
October 2020	-	W	W	W	-	-	W	W
Arizona								
October 2021	-	-	-	3,645.3	-	-	3,645.3	3,645.3
September 2021	-	-	-	3,553.2	-	-	3,553.2	3,553.2
October 2020	W	-	-	W	-	-	W	3,503.9
California								
October 2021	8.2	-	W	8,980.7	-	W	9,081.4	9,089.6
September 2021	W	-	-	9,994.0	-	W	W	10,065.9
October 2020	W	W	-	W	-	W	10,177.9	10,204.8
Hawaii								
October 2021	-	-	-	431.5	-	W	W	W
September 2021	-	-	-	384.3	-	W	W	W
October 2020	-	-	-	386.8	NA	W	W	W
Nevada								
October 2021	W	W	W	W	-	-	1,489.4	1,493.4
September 2021	W	-	W	1,487.6	-	-	W	1,490.4
October 2020	W	W	W	W	-	-	1,795.8	1,799.6
Oregon								
October 2021	-	W	-	2,210.6	-	W	W	2,243.1
September 2021	-	W	-	2,382.9	-	W	W	2,411.4
October 2020	-	W	-	2,240.4	-	W	W	2,274.5
Washington								
October 2021	W	W	W	3,109.7	-	W	3,161.2	3,170.1
September 2021	W	W	W	3,237.0	-	W	3,345.1	3,349.3
October 2020	W	W	W	3,294.6	-	W	3,312.0	3,322.6

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

Note: - Total Distillate = No. 1 Distillate + No. 2 Distillate + No. 4 Fuel Oil (published on Table 46). - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration, Form EIA-782C, Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption.